

19980505.qrp v01_n082.qrs.980505

Date: Tue, 5 May 1998 19:03:18 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1082

QRP-L Digest 1082

Topics covered in this issue include:

- 1) [10105] Re: Band conditions
by Mike - W0TMW <crucis@sky.net>
- 2) [10106] Summer FOXHUNT
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 3) [10107] Re: Straight Key Opinions
by Ed Tanton <n4xy@att.net>
- 4) [10108] FS; TT Model 223 NB \$34 shipped
by "Bill NT1R" <wlegge1@maine.rr.com>
- 5) [10109] Re: Solar Activity Web Page
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 6) [10110] HUH?????????
by RangerSF5 <RangerSF5@aol.com>
- 7) [10111] Radio Shack Alert !!!
by "Steve Hurst" <shurst@magiclink.com>
- 8) [10112] Thanks for the help(Solar activity sites)
by Fred Lesnick <flesnick@Quetico.tbaytel.net>
- 9) [10113] Ten Tec Model 223 NB is SOLD
by "Bill NT1R" <wlegge1@maine.rr.com>
- 10) [10114] Re: Dayton: Check the web site
by n9qil@juno.com (Kenneth R. Wezeman)
- 11) [10115] Re: Starting Time for FDI Symposium
by n9qil@juno.com (Kenneth R. Wezeman)
- 12) [10116] Re: Summer FOXHUNT
by DENNIS MO <DENNISMO@aol.com>
- 13) [10117] MAJOR STORM CONTINUES
by Paul Harden <pharden@aoc.nrao.edu>
- 14) [10118] Logikey K3 keyer review (longish)
by Vic Rosenthal <rakefet@rakefet.com>
- 15) [10119] My S-Meter is not broken after all !!!!
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
- 16) [10120] Re: Shipping to Cuba
by w2bj@juno.com (Barry J Minsky)
- 17) [10121] Weird Band
by "John J. McDonough" <jjmcd@mdn.net>
- 18) [10122] BEATEN-TO-DEATH SUBJECTS
by cjayheff@erols.com (C. Jay Heffner)
- 19) [10123] Question about the MRF477 transistor

- by Danh Le <dql@slip.net>
- 20) [10124] Re: Ohio 70cm Repeaters
by Shepherd <Shepherd@aol.com>
- 21) [10125] Re: Solar Activity Web Page
by Kent Torell <torell@sicom.com>
- 22) [10126] QRP Radios for sale...
by Danh Le <dql@slip.net>
- 23) [10127] Re: Dayton: Need antenna crew
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 24) [10128] WQ4RP/Core Banks Expedition
by John Paul Keon <jpkeon@bellsouth.net>
- 25) [10129] Source for LT1086C Regulator?
by "Michael Fletcher" <kl7ixi@mailcity.com>
- 26) [10130] Re: Stinko band
by Jack Parker <Pparker@greatbasin.net>
- 27) [10131] doughnuts....
by n5inz@juno.com (John M Andrews)
- 28) [10132] Re: doughnuts....
by Ed Tanton <n4xy@att.net>
- 29) [10133] Solar Info, web sites, etc.
by Paul Harden <pharden@aoc.nrao.edu>
- 30) [10134] Level Playing Ground - A Modest Proposal??
by "James R. Duffey" <ji3m@maxwell.com>
- 31) [10135] DSP for CW
by "Robert H. Sorge" <rsorge@phoenix.net>
- 32) [10136] More STORM INFO
by Paul Harden <pharden@aoc.nrao.edu>
- 33) [10137] Lessons in Solar Science
by "Dan Trigilio" <danjt@cruzio.com>
- 34) [10138] Re: Lessons in Solar Science
by mwattcpa@earthlink.net (Marty Watt)
- 35) [10139] Re: Level Playing Ground - A Modest Proposal??
by k7sz@juno.com (Rick Arland)
- 36) [10140] Re: Logikey K3 keyer
by Robert Bayha <rbayha@ix.netcom.com>
- 37) [10141] Re: doughnuts....
by Richard Brittingham <rbritt@visi.net>
- 38) [10142] Re: doughnuts....
by tedkell@juno.com (Ted Kell)
- 39) [10143] Re: Lessons in Solar Science
by Richard Brittingham <rbritt@visi.net>
- 40) [10144] Re: Level Playing Ground - A Modest Proposal??
by "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP)" <larsennc@alaska.net>
- 41) [10145] Donuts and next Quarterly
by MNHopkins <MNHopkins@aol.com>
- 42) [10146] Elmer 101: Part 4 - keying circuit and transmitter mixer
by Michael Maiorana <mikemo@ibm.net>
- 43) [10147] Re: doughnuts....

by mwattcpa@earthlink.net (Marty Watt)

44) [10148] Re: Straight Key Opinions
by "Marshall Emm" <mgemm@mtechnologies.com>

45) [10149] Re: elmer 101: diodes questions...
by "Tony Fishpool" <g4wif@btinternet.com>

46) [10150] Re: Level Playing Ground - A Modest Proposal??
by flydnq7x@primenet.com (Floyd Smithberg)

47) [10151] Re: Elmer 101: Part 4 - keying circuit and transmitter mixer
by "Duane" <duane@flinet.com>

48) [10152] Trade
by tom whalen <whalen@swcp.com>

49) [10153] sw40 kit
by "Duane" <duane@flinet.com>

50) [10154] sorry abt resending
by "Duane" <duane@flinet.com>

51) [10155] Re: Contesting/beams/dipoles
by Bill Todd <bill@willapabay.org>

52) [10156] Re: Level Playing Ground -
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>

53) [10157] RR mobile (results)
by tom whalen <whalen@swcp.com>

54) [10158] Re: doughnuts....
by Mike Martin <mmartin@netins.net>

55) [10159] Re: Prop software was Lessons in Solar Science
by "John D. Erskine" <y794@victoria.tc.ca>

56) [10160] Re: Diode matching
by Leon Heller <leon@lfheller.demon.co.uk>

57) [10161] WTB: 40M qrp xcvr
by w0yse@juno.com (Neil Klagge)

58) [10162] Re: doughnuts...
by "Harry T. Hurst" <hhurst@delaware.infi.net>

59) [10163] Banquet registration
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

60) [10164] May SS
by Chuck Carpenter <w5usj@webwide.net>

61) [10165] Dallas Sidewalk Sale....
by "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>

62) [10166] Solar Info - Thanks Paul.
by "Vincent Ferme" <vferme@sprint.ca>

63) [10167] Re: doughnuts....
by Chris Trask <ctrask@primenet.com>

64) [10168] Re: doughnuts....
by "Phillips Richard" <phillips@msoe.edu>

65) [10169] doughnuts
by crc <crc@io.com>

66) [10170] Re: doughnuts....
by Ed Tanton <n4xy@att.net>

67) [10171] 2sc799 vs...

- by n4js@pobox.com
- 68) [10172] Re: familiar with tubes?
by af852@rgfn.epcc.edu (William R Colbert)
- 69) [10173] The DC-to-Dayton Caravan
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 70) [10174] Solar info-new book.
by olyellr@iglou.com
- 71) [10175] Re: BEATEN-TO-DEATH SUBJECTS
by B1ljohn <B1ljohn@aol.com>
- 72) [10176] Re: (Fwd) Wow. A = 317, K = 9 @0500 UTC
by John Evans - N0HJ <jae@codenet.net>
- 73) [10177] Considerations for transistor substitution
by Michael Maiorana <mikemo@ibm.net>
- 74) [10178] Engineer Joke
by Monte Stark <ku7y@dri.edu>
- 75) [10179] New Webpage
by Bill Jones <kd7s@psnw.com>
- 76) [10180] KD7S' homepage
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 77) [10181] Re: BEATEN-TO-DEATH SUBJECTS
by "Vincent Ferme" <vferme@sprint.ca>
- 78) [10182] Re: Level Playing Ground -
by "George T. Baker" <w5yr@swbell.net>
- 79) [10183] RE: Question about the MRF477 transistor
by "Hulbert, Nick" <nick.hulbert@lmco.com>
- 80) [10184] 38 Special assist needed
by "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
- 81) [10185] Re: Contesting/beams/dipoles (last gasp!)
by Bill Todd <bill@willapabay.org>
- 82) [10186] An ugly picture...
by "David Maliniak" <dmaliniak@penton.com>
- 83) [10187] Dallas Sidewalk Sale described
by MNHopkins <MNHopkins@aol.com>
- 84) [10188] Dayton Pickups
by Tracy@bytemark.com (Tracy)
- 85) [10189] DeMaw "Barbados" RX kit F/S/T
by MNHopkins <MNHopkins@aol.com>
- 86) [10190] Re: Engineer Joke
by mstangelo@worldnet.att.net
- 87) [10191] odd transistor
by "Jerry W. O'Dell" <psyodell@mail.provide.net>
- 88) [10192] RE: doughnuts...
by km3d@juno.com
- 89) [10193] Sprint and Murphy.
by Ed Loranger <we6w@qsl.net>
- 90) [10194] Re: odd transistor
by Zack Lau <zlau@arrl.org>
- 91) [10195] Miscellaneous (How's that for a heading?)

by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>

92) [10196] Re: odd transistor
by Ed Tanton <n4xy@att.net>

93) [10197] Web Site Input Needed
by Erv Bates <w8erv@yahoo.com>

94) [10198] 40 unaffected?
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)

95) [10199] A little help from those across the pond please.
by Jeff Grudin <grudin@pacific.vdbs.com>

96) [10200] Unbuilt 38 Special?
by "Leonard J. Barish" <barish@kutztown.edu>

97) [10201] Help with specs (not essentially QRP)
by Jeff Grudin <grudin@pacific.vdbs.com>

98) [10202] FS 38s/enclosure/keyer
by talljazz@teleport.com (Dan Presley)

99) [10203] Re: doughnuts....
by Richard Brittingham <rbritt@visi.net>

100) [10204] RE: doughnuts...
by Chris Trask <ctrask@primenet.com>

101) [10205] QRPTTF Pics up on website
by "Steve Galchutt" <n0tu@webaccess.net>

102) [10206] looking for an unbuilt 38 Special QRP kit
by Ernest Stracener <ernest@itis.com>

103) [10207] Re: Sprint and Murphy.
by Kent Torell <torell@sicom.com>

104) [10208] Re: Logikey K3 keyer
by Ed <edn4pk@VoyagerOnline.net>

105) [10209] RE: 40 affected
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

106) [10210] RE: QRPTTF Pics up on website
by n4js@pobox.com

107) [10211] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!
by w4bws@juno.com (Donald E Sanders)

108) [10212] RE: 40 affected
by Richard Brittingham <rbritt@visi.net>

109) [10213] Octopus (Curve Tracer)
by Richard Brittingham <rbritt@visi.net>

110) [10214] RE: a little help from across the pond
by Jeff Grudin <grudin@pacific.vdbs.com>

111) [10215] Trade: New Callbook
by Bill Jones <kd7s@psnw.com>

112) [10216] RS 21-527 METER MANUAL
by w2bj@juno.com (Barry J Minsky)

113) [10217] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!
by RangerSF5 <RangerSF5@aol.com>

114) [10218] RE: a little help from across the pond
by KC5TJA <kc5tja@topaz.axisinternet.com>

115) [10219] DMP Printer & HP 7550A Plotters to trade for ...?

by DENNIS MO <DENNISMO@aol.com>
116) [10220] THE BANDS
by w2bj@juno.com (Barry J Minsky)
117) [10221] Cuba, et. al.
by KC5TJA <kc5tja@topaz.axisinternet.com>
118) [10222] Re: Familiar with tubes?
by "Ron Polityka" <wb3aal@talon.net>
119) [10223] QRP CLASSICS?
by ARDUJENSKI <ARDUJENSKI@aol.com>
120) [10224] Re: Dayton
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
121) [10225] FYBO Results Tonight!
by Joe Gervais <vole@primenet.com>
122) [10226] RE: Cuba, et. al.
by "Hulbert, Nick" <nick.hulbert@lmco.com>
123) [10227] RE: Cuba, et. al.
by KC5TJA <kc5tja@topaz.axisinternet.com>
124) [10228] Re: Octopus (Curve Tracer)
by d.nordquest@juno.com

Date: Mon, 04 May 1998 18:00:38 -0600
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10105] Re: Band conditions
Message-ID: <354E4896.A43E6C72@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's picked up some. I just had a contact with Ed, KF6HHR, he in California, me in Missouri. I gave him a 449 with QSB, he gave me a 589 with QSB (I think he was generous to my 5 watts.) Mebbe it's slacking off some!?

Mike - W0TMW
gregoire@endor.com wrote:

>
> Hello Joel,
>
> The A index was at a high of 317 today, not an error in
> typing , three hundred and seventeen.
>
> The solar web site shows it at 57, any way you cut it,
> it's still Lindburger.
>
> de AA1IK, Time the accursed enemy of man,

> cursed by youth for going to slow
> Ernie Gregoire and by the old for going to fast.
>
> R.R. 1, Box 221,
> South Rd.
> Canaan, NH. 03741 Fly fisher & tier,
> Promise Keeper.
>
> E-mail address: gregoire@endor.com
>
> packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA
>
> -----
> 05/04/98 16:06:30

--

=====
Mike Watson, W0TMW QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st ARCI# 9647
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Tue, 5 May 1998 00:03:15 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [10106] Summer FOXHUNT
Message-ID: <199805042303.AAA10286@chuck.dallas.sgi.com>

OK Gang,

I think too many have too much time on their hands.
Do we need to start up a summertime foxhunt? Gotta get
you guys away from the keyboards and on the air, propagation
or no propagation. :-)

I don't know whether it is the Solar Flux, the A- or K- indices,
but it seems to me and a few thousand others on QRP-L that
temperatures, both personal and climatically are climbing very
rapidly. Now comes the cold front.

Please gang, this list is five years old. We have our little off topic discussions, but I would hope that we can keep the S/N ratio high or get it back in line.

People have got to remember that this group is an international group and multicultural. So just about anything that anyone posts off topic will generate hostile email and postings that individuals will later regret having ever sent. Neither Jim or I have much free time to act as hall monitors, but we will do what is necessary to quiet the group down. Otherwise the group will further degrade into a territorial fight with no group winning. It's not unlike a disease that attacks a living organism and destroys it. We all like to think of QRP-L as a living organism that is growing and is healthy. So this is a shot of medicine from the Doctor. :-) ;-)

Here are some guidelines and only a small subset of what I or others could come up with:

1. Wait 24 hrs to respond to a topic that is subjective. If a posting pushes one of your 'hot-buttons', take a chill pill and let it ride. Someone is most likely baiting you. If you still feel that you need to respond to the posting, do so politely and in private. The rest of the world rapidly understands what is going on when people get irritated and respond faster than the brain thinks things out.
2. Spell checkers please move on to another group. Can you spell banned? I knew you could.
3. Since I was the one that started this group, I personally don't want governmental agencies from any country domestic or otherwise coming after me. I'm outnumbered. :-)
4. Dayton weather and discussions are not on a separate list. This was done this way last year and it seemed to work out, so it will continue. So what is the weather going to be like in Dayton??? ;-)

I understand the desire to be philanthropic, but such activities are best done in private and you see what happens when it is not. People react to some things that are well meaning in a negative manner. And the discussion will go on into the next millennium if we let it.

Over the years QRP-L has become a hotbed of QRP activities and discussion. If we lose it, it will be a tremendous loss to us

all, so let's not let a few individuals ruin it for the rest of us. Tactics deemed not contributing to the group will result in actions that noone likes to see. Life is too short for such nonsense. I personally have too much time and energy invested over the years to see it destroyed in such a manner. I will do what I can to keep the ship on a straight course but it takes the whole crew working together to keep things shipshape.

Remember also that we have teenagers and younger individuals in the group. They see such behaviour outside this group, let's give them some place where they can avoid such behaviour or at least come pretty close. The world will judge a lot of QRPers just from the visibility that this group generates. Don't be negative, please. Keep the language clean at all times.

So, this is just a friendly reminder for the group at large and not aimed at anyone in particular. At least not yet. ;-)

As Johann Wolfgang von Goethe 1749-1832 once said, "Im ubrigen ist es zuetzt die grosste Kunst, sich zu beschranken und zu isolieren". And in English, "For the rest of it, the last and greatest art is to limit and isolate oneself." My apologies to my German speaking friends if I have erred in this quote in typing in ASCII.

And as Joan Baez said in a song, "Be not too hard for life is short and nothing is given to man."

So, how about everyone turning off the computer and turning on the 30 meter or 40 meter rig tonight? Work some of the ARS SPARTAN SPRINT 0100-0300UTC on 40 meters tonight. The more the merrier. Be there, be square. Hey, maybe even 20 meters will come alive.

If the QRP-L mailer stops functioning for a 24 hour period, it means that the mail has gotten too nasty and a test period has been started to see how the world would exist without QRP-L. Please don't do anything to start this. The rest of the world will know what and who caused it to happen.

OK, enough of the must take stock of the situation message.

FYI de QRP-L #1

Back to your regular QRP topics, I hope.....
Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Mon, 04 May 1998 19:06:05 -0400
From: Ed Tanton <n4xy@att.net>
To: Tracy@bytemark.com
Cc: qrp-1@Lehigh.EDU, mgemm@mtechnologies.com
Subject: [10107] Re: Straight Key Opinions
Message-ID: <3.0.5.32.19980504190605.00a0f100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Tracy... there are going to be lots of answers to this, since preferences are bound to vary... but here goes mine (ordered by my opinion of their 'feel'):

1. Best straight key I have ever touched: I am the proud owner of a Hi-Mound HK-802 Straight Key. Modeled after the "Swedish Pump Key" this key feels incredible. I must admit its price is also a bit incredible... and in fact, my friend Avery, W40GK recently said to me-after hearing about it (and knowing the price)- that he didn't think he deserved one. I answered that I probably didn't either, but couldn't help myself-and I'm glad. It's an amazingly good design and implementation. Cost is a little less than \$300.00. Ask Marshall Emm for pricing. You can see it at URL:

<http://www.mtechnologies.com/index.html>

2. Next is a key with "AT&T" cast into the metal I got from Paul, K4MSG. It feels VERY nice, and looks well. Unfortunately, it's not something you can go out and buy-but I am ranking my keys by performance-not availability or cost. Cost was VERY reasonable-but mine is definately not for sale.

3. E.F. Johnson "Speedex" Straight Key. I luckily got mine surplus from Lowell Thomas, who's widely ranging surplus values are always good deals. This straight key is a super performer. It is still made, and you can buy them from Marshall Emm also. It is \$32.95-a GREAT key for any money.

4. MIL surplus J-38. I STILL think the J-38 is a super key. It is just a little less in 'feel' than the Speedex, but considering the true mass production, etc. it is a very nice key. Unfortunately, it's pricing has steadily risen-especially lately-and they are getting a bit costly for the looks and performance.

So there you are. Overall, for bang-per-buck (yet still retaining completely satisfactory-or better- performance) the Speedex is the CLEAR winner. There is absolutely no way to justify the HK-802 unless you either collect keys, or take your straight keying VERY seriously (guilty on both counts!!!)

Finally, in case this stimulates a rush to Speedex purchases, I'll copy Marshall, and see if he's interested in a group QRP-L buy. I doubt his margin is very much on that particular key, but perhaps a little off could happen, maybe just postage or something. We'll see, and what minimum quantity it'd take.

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

"Think you can, think you can't: either way you're right!" Henry Ford

I believe this is for all Argosy 525 and up to serial number 823 of the 525D. Bill, NT1R

Date: Tue, 5 May 1998 00:10:45 +0100

From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: flesnick@Quetico.tbaytel.net
Cc: qrp-1@Lehigh.EDU
Subject: [10109] Re: Solar Activity Web Page
Message-ID: <199805042310.AAA10404@chuck.dallas.sgi.com>

Fred et.al.,

The best web site that I have found is

<http://www.dxlc.com/solar/>

great graph of Solar Flux, Sunspot Number, and
Planetary A-Index over the past 105 days. It
does give you an immediate sense of where things
are goin over the next day or so.

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Mon, 4 May 1998 19:10:06 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10110] HUH?????????
Message-ID: <22f06db8.354e4acf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

When this Cuba discussion is over with will someone call me at 609 298 8544
It's getting to the point where I can almost smell the cigar
Till then
I'm out of here
Bob
WA2HOQ

Date: Mon, 4 May 1998 17:19:57 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-1@Lehigh.EDU>
Subject: [10111] Radio Shack Alert !!!

Message-ID: <199805042313.TAA32118@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

QRP gang , (or free Cuba gang ! or end the embargo gang !!!)

Radio Shack has those "Helping Hands" on sale for \$5.99 with coupon !!!
Seems like a heck of a deal !! You can never have too many hands (
contrary to what my wife says !) Tee Hee !!!!

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

Date: Mon, 04 May 1998 19:34:41 -0400
From: Fred Lesnick <flesnick@Quetico.tbaytel.net>
To: qrp-l@Lehigh.EDU
Subject: [10112] Thanks for the help(Solar activity sites)
Message-ID: <354E5091.14D8@tbaytel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all for the help.Have all in my bookmarks ready to go.
40 meters is open but other bands are dead.
Fred VE3FAL

Date: Mon, 4 May 1998 19:37:36 -0400
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: <tentec@contesting.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [10113] Ten Tec Model 223 NB is SOLD
Message-ID: <199805042317.TAA01682@prefetch-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Date: Mon, 4 May 1998 18:04:21 -0500
From: n9qil@juno.com (Kenneth R. Wezeman)
To: qrp-l@Lehigh.EDU
Subject: [10114] Re: Dayton: Check the web site
Message-ID: <19980504.183525.12214.4.N9QIL@juno.com>

Thanks for the update. I wondered what time it all started.

Ken Wezeman - N9QIL

QRP ARCI #8191
QRP-L #1416

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 May 1998 18:11:06 -0500
From: n9qil@juno.com (Kenneth R. Wezeman)
To: qrp-l@Lehigh.EDU
Subject: [10115] Re: Starting Time for FDI Symposium
Message-ID: <19980504.183525.12214.5.N9QIL@juno.com>

Thanks for the schedule!

Ken Wezeman - N9QIL

QRP ARCI #8191
QRP-L #1416

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 May 1998 19:37:01 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU

Subject: [10116] Re: Summer FOXHUNT
Message-ID: <4c95a39d.354e511e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

In a message dated 5/4/98 3:17:11 PM PST, adams@chuck.dallas.sgi.com writes:

> OK Gang,
>
>
> I think too many have too much time on their hands.
> Do we need to start up a summertime foxhunt? Gotta get
> you guys away from the keyboards and on the air, propagation
> or no propagation. :-)

Hmmmmmmmmmm -

A summertime Fox hunt? Why not? Sounds good to me - RELEASE THE HOUNDS!

73's es 72's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
ARCI #9637 10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://members.aol.com/dennismo>

Date: Mon, 4 May 1998 17:41:14 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Cc: GQRP-L List <qgrp-l@blacksheep.org>, arnie@radiohc.org
Subject: [10117] MAJOR STORM CONTINUES
Message-ID: <Pine.SOL.3.91.980504171550.2470C-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is developing into one of the best (or worst from our perspective) solar/geomagnetic storms in two decades ... since the mid 1970's. While it has ruined ham radio for awhile, enjoy it in the sense that it is an usual celestial and terrestrial event. You are front row witnesses. Turn on your radios and learn what a geomagnetic storm producing black out conditions is FIRST HAND.

If you live north of 40 degrees latitude or so ... AURORAL ACTIVITY may be seen again tonight.

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 124 ISSUED AT 2200Z ON 04 MAY 1998
(Portions snipped)

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN MODERATE FOR THE PAST 24 HOURS. AN M1/1B TENFLARE (810 FLUX UNITS, 8 MINUTES DURATION) ACCOMPANIED BY A MAJOR TYPE IV SWEEP,

An M-class flare is moderate in size, and capable of causing more geomagnetic disturbances later in the week, if the earth is in it trajectory. The type IV sweep is radio emissions generated by the flare, suggesting it was an energetic event as well.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE MODERATE ... BUT ADDITIONAL GROWTH IN REGION 8214 COULD BE A PRECURSOR TO NEW MAJOR EVENTS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: GEOMAGNETIC ACTIVITY HAS RANGED FROM UNSETTLED TO SEVERE STORM LEVELS FOR THE PAST 24 HOURS. THIS DISTURBANCE IS ASSUMED TO BE RELATED TO COMPLEX SOLAR WIND STRUCTURES ASSOCIATED WITH A SERIES OF ENERGETIC SOLAR EVENTS BEGINNING ON 29 APRIL, AND ESPECIALLY AN X1 X-RAY EVENT THAT REACHED MAXIMUM 02/1342 UT.

A SHOCK PASSED THE ACE SPACECRAFT AT APPROXIMATELY 04/0229 UT THAT WAS OBSERVED AT EARTH APPROXIMATELY 30 MINUTES LATER. THEREAFTER, A TWO-HOUR PERIOD OF VERY STRONG (ABOUT 40 NT) SOUTHWARD SOLAR WIND MAGNETIC FIELD WAS OBSERVED,

40NT = 40 NanoTesla's, a unit of magnetic field intensity. "Out in space," that is beyond our own magnetopause and bow shock, magnetic intensity is a few Nano Tesla's. Thus, this disturbance to the solar wind was about ten times above normal, or a fairly significant shock wave traveling along the solar wind. As this shock wave hit the Earth's magnetic field, it caused further perturbations to it adding further to the geomagnetic

activity being experienced. The magnetic field around the Earth is still "wiggling" like Jello (some of you liked that illustration I see from the email I got).

The Earth's magnetic field is about .25 Gauss, and a Tesla = 10^4 Gauss. Thus, a NanoTesla is about 10^{-5} Gauss ... not even a wiggle WITHIN our magnetic field, but significant from OUTSIDE of it.

RESULTING IN K INDICES OF 8 IN BOULDER BETWEEN 03-09 UT AND REPORTS OF AURORAL SIGHTINGS IN THE NORTHERN UNITED STATES.

The electric currents being generated by all this geomagnetic disturbance has produced enhanced auroral activity, seen last night (sunday nite) into the southern U.S. states, and dramatic in the northern states and Canada. Look to the north tonight as well !!!

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO EXPERIENCE PERIODS AT STORM LEVELS FOR THE NEXT 24 HOURS. WHILE IT IS CLEAR THAT THE LEADING PORTION OF THE CORONAL MASS EJECTION ASSOCIATED WITH THE X1 FLARE HAS ARRIVED, IT IS NOT CERTAIN WHETHER THE CORE OF THE EJECTION WILL YET ARRIVE.

We know the initial shock wave from the coronal mass ejection has reached us from the satellite detections of solar wind mentioned above, but since it is coming straight at us, it is difficult to tell if the "core" of the mass will hit us. Predicted contact was late this afternoon, but had not arrived at the time of this report. It may hit later. If it does, it will shove the A-index into the 60's for HF black out conditions.

III. EVENT PROBABILITIES 05 MAY-07 MAY

CLASS M	50/50/50	<----	50% chance of M-clare flares next 3 days
CLASS X	10/10/10		
PROTON	10/10/10		
PCAF	YELLOW	<----	Polar cap absorption event warning

IV. PENTICTON 10.7 CM FLUX

OBSERVED	04 MAY 121	<-----	flux is good, if all the racket
PREDICTED	05 MAY-07 MAY	135/140/145	from the geomagnetic storm would
90 DAY MEAN	04 MAY 105		let us enjoy it :-)

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	03 MAY	037/057	<-----	Full blown MAJOR GEOMAGNETIC STORM
ESTIMATED AFR/AP	04 MAY	086/100	<-----	with periods of HF blackouts
PREDICTED AFR/AP	05 MAY-07 MAY	050/060-025/045-010/025		
		^^^^^	^^^^^	^^^^^
		Tues.	Wed.	Thurs.

National Radio Astronomy Observatory
Socorro, New Mexico

Date: Mon, 04 May 1998 16:44:57 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10118] Logikey K3 keyer review (longish)
Message-ID: <354E52F9.1B9FD448@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fortune smiled (actually, grinned rather widely) at me the other night, and I WON (!)
the door prize at a ham gathering -- a Logikey model K3 keyer (Idiom Press, PO Box 1025, Geyserville CA 95441, with whom I have no connection, etc.). It's a commercial version of the Super-CMOS III keyer that comes completely assembled.

I love it! I had always figured that since I don't use the bells and whistles that much, just about any modern keyer is about the same. Not true. For one thing, there are subtle differences in timing and memory functionality that make some keyers feel easier or harder to a given operator. The Logikey has 10 possible emulations for you to choose from, and I found that the default out-of-the-box was so much more forgiving than the built-in keyer in my TS850s that I am actually learning to send iambically, something I had thought was impossible.

Speed is controlled by a knob, and one of the many settings (which the keyer remembers when the power is turned off) is the speed range. I set mine to go from 25 to 45 wpm, since I prefer to keep the character speed at 25 even when I send more slowly. The speed control is linear, too. If you want, you can go up to 990 wpm (to send memorized messages, of course) which can be useful for meteor scatter, if you're into that.

The keyer has six buttons, which together with various paddle commands enable you to program and control everything. I found the user-interface very well thought out

and
easy to get used to. You can program contest exchanges, including automatic
serial
numbers, etc. A nice touch is that you can decrement the serial number by
pressing
two buttons together for repeats or dupes. In general, there's a good balance
between stuff you do with the buttons and stuff you do with the paddle. I am not
good at the computer-game kind of thing and if I find it easy, then it must be!

It has an enormous 3" speaker in it, which makes it possible to use the keyer for
code practice with a class. You can, of course, turn it off and you can vary the
pitch of the monitor. There does not seem to be a way to change the volume,
however,
nor is there a monitor output to feed into a rig. I think the monitor is mainly
intended for programming the keyer, and you use the rig's sidetone for monitoring
your keying.

It's obvious that a tremendous amount of thought and development has gone into
this
keyer. For example, you can both vary the weighting (the dot-to-space ratio) and
you
can add a fixed amount of on-time (in milliseconds) to the character elements.
This
allows you to compensate for transmitter characteristics if your rig needs it, in
whatever way is most appropriate.

There's an ad in this month's QST on page 122 for the keyer. It goes for \$129.95,
which is a lot of money for a keyer. You can get a good keyer for about \$15 (a
TiCK
kit), but this is not a good keyer, it's a GREAT one.

Now all I have to do is win a WBL or Mercury paddle!

Vic, K2VC0
Fresno CA

Date: Mon, 4 May 1998 15:51:54 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: qrp-1@Lehigh.EDU
Subject: [10119] My S-Meter is not broken after all !!!!
Message-ID: <v03007803b17411e440eb@[208.151.118.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

It probably is just be a temporary lull, but 20m is actually showing life here in the Arctic... It is about 0000z and W1AW is S-5... Many other signals are on up and down the band and moving the meter even... If this continues I will be on near 14.060 during the Spartan Sprint...

Try those radios again gang, they are not broken... Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>

Date: Sun, 3 May 1998 20:48:01 -0400
From: w2bj@juno.com (Barry J Minsky)
To: n7kt@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [10120] Re: Shipping to Cuba
Message-ID: <19980503.204820.13142.0.w2bj@juno.com>

I agree. I believe it is totally inappropriate to discuss the breaking of our laws on this list. Let's stop it.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers

Club #3723

Amateur Radio Missionary Service

On Mon, 04 May 1998 15:58:02 +0000 Roger Hightower <n7kt@earthlink.net> writes:

>Last time I looked at the Rules, conviction of a felony means that you
>lose your license.

>

>Can we drop this thread, pse?

>--

>72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

>

>

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Date: Mon, 4 May 1998 21:35:58 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10121] Weird Band
Message-ID: <199805050057.3917300@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Heard a few sigs on 20 just now, so I let out a CQ on 060 and N7OW/QRP came back from Portland with a solid 589 sig. Vy nice solid chat for over 15 minutes when all of a sudden he faded into oblivion. A minute or so later all those FISTS guys (presumably QRO) were gone, too.

Looks like we're going to see occasional little windows in the murk - guess we gotta strike while the iron is hot!

73 de WB8RCR

Date: Mon, 4 May 1998 19:59:07 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-1@Lehigh.EDU
Subject: [10122] BEATEN-TO-DEATH SUBJECTS
Message-ID: <v01520d01b173ce161d09@[207.172.109.246]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK guys, I think that everyone has sent out enough for the shipping to Cuba stuff. If you have more messages for one or two people, send them to those people only PSE. Don't get me wrong, I know that this info is/will be useful to more than one person on the list, and I can see two, maybe three, emails about how to ship stuff there, but not as many that we have sent out.

PLZ keep this in mind for ALL subjects that appear on the list.
PLEASE, PLEASE DO NOT BEAT THE SUBJECTS TO DEATH!! Thanks all.

73/72,
Craig, KF4NYZ

Date: Mon, 4 May 1998 17:12:30 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [10123] Question about the MRF477 transistor
Message-ID: <E0yWVLS-0002Zm-00@slip-3.slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi,

I bought a few of these transistors from RF Parts a few a few years ago. I am just wondering if I can use them as final on any qrp rigs? I looked at Motorola web site, but could not find the spec sheet for the MRF477 anywhere.

72 de Dan, ke6d

=====
Danh Le
Amateur Radio Station KE6D QRP-L # 1212 NORCAL # 2414
dle@san-jose.ate.slb.com (work)
dql@slip.net (play)
ke6d@w6yx.ampr.org (packet)
=====

Date: Mon, 4 May 1998 20:32:54 EDT
From: Shepherd <Shepherd@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10124] Re: Ohio 70cm Repeaters
Message-ID: <56addf9c.354e5e37@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The Dayton area 70cm repeaters are indeed +5Mhz offset.

Here are a few of the local repeaters:

DARA 442.100
Upper Valley ARC 442.375
N8PQS 442.575
N8JAS 443.100
WB8RBN 443.850

72, 73
Dan, N8VZU

Date: Mon, 4 May 1998 16:22:38 -0700
From: Kent Torell <torell@sicom.com>
To: flesnick@Quetico.tbaytel.net
Cc: qrp-1@Lehigh.EDU
Subject: [10125] Re: Solar Activity Web Page
Message-ID: <v04003a00b173fe0bf755@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Where can one find a web page that shows all the current activity that
>is going on up at the sun?I have seen usaf/noaa reports, is there a web
>page for this?

<http://www.sec.noaa.gov/radio/radio.html>

This will connect you to way more than you probably want to know! :-)

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

Date: Mon, 4 May 1998 17:48:22 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-1@Lehigh.EDU
Subject: [10126] QRP Radios for sale...
Message-ID: <E0yWVuA-0003Aa-00@slip-3.slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi all,

With the recent acquisition of the Wilderness Sierra, some of my QRP rigs are now available:

1. NGC SSB/CW transceiver, 10 or 2 watts output (it has ALC, so it should be easy to adjust for 5 watts if you wish) on 15 meters only. It has a digital display, noise blanker, mobile bracket, microphone, and manual. Excellent working condition: I would call it 'mint' if I had the original box. It's about 9" x 7" x 2-1/2", so it's sort of "large mobile size". Needs 13.8 volts at 2 or 3 amps.

Only \$135 + shipping CONUS (I got this radio from Vic, K2VC0, for my mobile setup, but ended up installing the Kenwood TS50s instead)

2. MFJ 9406 SSB radio. This radio also has a optional CW option board installed. Have box, microphone, and manual. Looks and works like new.

\$185 + shipping CONUS

Please email if interested.

72 de Dan, ke6d

=====

Danh Le

Amateur Radio Station KE6D QRP-L # 1212 NORCAL # 2414
dle@san-jose.ate.slb.com (work)
dql@slip.net (play)

=====

Date: Mon, 04 May 1998 18:08:40 -0500
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>
To: w4qo@amsat.org, QRP-L <qrp-l@Lehigh.EDU>, "MNQRP" <mnqrp@qth.net>
Cc: Buck Switzer N8CQA <n8cqa@tir.com>, "Jim Stafford, w4qo" <w4qo@america.net>, "Ken Evans, W4DU" <w4du@bellsouth.net>,
Mike Czuhajewski WA8MCQ <wa8mcq@u1.abs.net>, Bob Gobrick bobgob
<rgobrick@att.net>, Byron Johnson WA8LCZ <byron8lcz@aol.com>,
Subject: [10127] Re: Dayton: Need antenna crew
Message-ID: <3.0.32.19980504180648.00c73aa8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi MN-QRP Club,

This is a post to the MN-QRP Club. Since our fearless (fearful) leader KA0GKC Claton Cadmus is going to FDIM this year - any member want to loan Cla an antenna for the FDIM hospitality suite operating booth. Since the MN-QRP club is this years run-away winner of the FYBO contest we need Cla to carry the banner to Dayton.

Cheers 73/72 Bob N0EB - Stillwater, MN

PS: Hope you didn't mind me volunteering you - hi

At 12:50 5/4/98 -0400, Jim Stafford W4Q0 wrote:

>We need some local QRP club or even just "two guys" to bring an antenna
>or two to the Dayton FDIM/ARCI hospitality show. The NoGaQRP group has
>provided this the past three years, but because we now are bringing a
>whole bunch of other stuff for FDIM, we sure could use someone to bring
>a long wire/tuner, windom, zepp, and/or a vertical/SLV etc to set up in
>the area next to the hospitality suite. Bringing the feed line in to a
>table where folks can try rigs/demo products, etc.

>

>Can you help us here? Thanks.

>--

>Jim Stafford, W4Q0 ->NoGaQRP Group<- RadioActive Schools(sm) -
>11395 West Road ->VP - QRP.ARCI<- Using amateur radio as
>Roswell, GA 30075 <http://www.america.net/~w4q0> a teaching tool in
>770-993-9500 Fax:770-993-8932 Internet: w4qo@amsat.org north Georgia.
>QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

>

>

>

Bob Gobrick - N0EB Stillwater, MN
Internet: rgobrick@att.net

Date: Mon, 04 May 1998 21:14:20 -0500
From: John Paul Keon <jpkeon@bellsouth.net>
To: njqrp <njqrp@njqrp.org>, LI QRP Club Server <liqrp@waterw.com>,
"klqrp@waterw.com" <klqrp@waterw.com>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [10128] WQ4RP/Core Banks Expedition
Message-ID: <354E75FC.1FF1FD58@bellsouth.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of you may have missed this. For that reason I am sending it again to see if those who did miss it get it.
The address for QSL's for the WQ4RP expedition to Core Banks, N.C.,
March 27-29, 1998
is to:

John Paul Keon/AB4PP
5501 Cumberland Plain Drive
Raleigh, N.C. 27616-6372

Also, please add SASE, since I designed a nice two sided card and it will not go through the mail the way it is.
All cards are going out as I get them. Thanks.
JohnPaul/AB4PP

Date: Mon, 04 May 1998 18:37:23 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: qrp-l@Lehigh.EDU
Subject: [10129] Source for LT1086C Regulator?
Message-ID: <PEFIMJJKLNHCAAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm interested in a constant voltage charger circuit in the "Revisiting the 40-40" by KB6FPW and AE6C that appeared in "QRP Power, pg. 3-23.

The circuit uses a LT1086CT regulator that only needs 16 - 16.5v to overcome a diode and make 14.4v for charging.

Only trouble is that Mouser and other sources that I've tried don't list it (I know, it's always the last one you try!).

Any help on locating this or a suitable substitute?

The simple circuit allows charging of batteries of up to 6Ah with float, equalize and charge settings. I think it would be ideal for the 2.5Ah Cyclon six-pack batteries I found on sale.

72,
Mike KL7IXI/7
Vancouver, WA
325 days a year of "frost-free" weather

Get your FREE, private e-mail
account at <http://www.mailcity.com>

Date: Tue, 05 May 1998 18:50:39 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [10130] Re: Stinko band
Message-ID: <3.0.1.32.19980505185039.0069e85c@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:43 PM 5/4/98 -0500, you wrote:

<snip>

>
>Try six and two meters. From what I heard they were hopping last night
>with Aurora contacts on two meters available all the way down into
>northern Georgia.
>
>Last night the 3 hour A index reached 317 with the K at 9. Storm
>conditions classified as major to severe.

<snip>

>73 de Dave, N0IT

>
>
>

These are the sort of conditions that make checking 222/432
worthwhile...it's rare to hear AU up there, but it can happen.

For the uninitiated, the aurora mode works for CW/SSB, *not* FM (has to do
with frequency shift induced by the moving auroral curtain)...unless one
can demodulate FM^2 :?)

Jack, W7PW

Date: Mon, 4 May 1998 21:04:28 -0500
From: n5inz@juno.com (John M Andrews)
To: qrp-1@Lehigh.EDU
Subject: [10131] doughnuts....

Message-ID: <19980504.210509.3462.37.N5INZ@juno.com>

I like doughnuts....Really well.

I would rather eat or talk about doughnuts then American relations with other countries or trade embargos- or most anything political.

Glazed...Plain...Chocolate....Sprinkles....Cake....

Are you *sure* we shouldn't talk about doughnuts?

72, John- N5INZ

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Date: Mon, 04 May 1998 22:11:51 -0400
From: Ed Tanton <n4xy@att.net>
To: n5inz@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10132] Re: doughnuts....
Message-ID: <3.0.5.32.19980504221151.00b8d100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

CERTAINLY will leave a better taste in EVERYONE's mouths!!!

At 09:04 PM 5/4/98 -0500, John M Andrews wrote:

>I like doughnuts....Really well.

>

>I would rather eat or talk about doughnuts then American relations with
>other countries or trade embargos- or most anything political.

>

>Glazed...Plain...Chocolate....Sprinkles....Cake....

>

>Are you *sure* we shouldn't talk about doughnuts?

>

>72, John- N5INZ

>

>

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>Or call Juno at (800) 654-JUNO [654-5866]

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

"Think you can, think you can't: either way you're right!" Henry Ford

Gang,
I have received so many emails thanking me for the solar information, it's nice to know it's appreciated, but more importantly, that so many are taking such an interest in the solar phenomenon. It is an interesting science. Here's some answers to a few questions I keep getting:

Solar activity effects the higher frequency bands, generally starting with 20M and upward (and of course we're still trying to figure out 30M). 40M is largely unaffected by the effects of solar storms and the solar flux.

Another factor is how our ionosphere (those good old E and F layers) are ionized, and solar storms can often create periods of absorption and the lowering of the maximum useful frequency (MUF). But again, how long this

lasts and the extent is difficult to predict. And seldom does the MUF drop below 8MHz ... hey, that leaves 40M open!

BUT YOU SAID IT WAS THE END OF THE WORLD AND I JUST WORKED A DL3!

While I try to explain the effects of a solar disturbance, and later it's geomagnetic effects, this should not imply to can the hobby until "the numbers" are nice and perfect again. Your mileage may differ ... and while near black out conditions may be occurring over much of the U.S., conduits of activity into Europe or South American can occur. And while the noise level might be banging your S-meter at S-9 one minute, it may suddenly quiet to S-3 the next. No real rules on any of this gang.

So please don't get discouraged over a grim solar/geophysical forecast or even CURRENT conditions. The only true litmus test is your ears ... with the radio on to see what conditions are like. It explains what is happening, but NOT the extent, for how long, your exact QTH, etc.

ARE THERE ANY WEB SITES?

Chuck Adams and Kent Torrell offered a couple (which ARE good ones):

www.dxlc.com/solar

www.sec.noaa.gov/radio

and another good one is:

<http://solar.uleth.ca/solar>

These have charts and graphs of all sorts of info (A index, solar flux, max. usable frequencies), etc., plus the uleth.ca site contains recent images from ground based observatories, the SOHO satellite, etc. when a disturbance occurs. Explore them and find your favorite.

ARE THERE ANY GOOD BOOKS ON THE SOLAR REPORTS?

There has not been anything printed with contemporary information since the early 1980's. Check your libraries; you'll find books with basic solar phenomenon information. BUT ... much of the information I try to comment on in the solar reports is very hard to find, even in the scientific literature. This is why I comment on it, as it is not commonly available. What I don't understand, I go upstairs to our staff solar astronomer, Dr. Tim Bastian, and he explains it to me ... and I inturn pass it on to you. For those taking the time to read the solar commentaries, you are probably among the most up-to-date and informed amateurs in the world, simply because current information is so scarce. I will continue it as long as the sun provides the entertainment -hi.

GL, Paul NA5N

National Radio Astronomy Observatory

Socorro, New Mexico

Date: Mon, 4 May 1998 20:30:08 -0600
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-1@Lehigh.EDU
Subject: [10134] Level Playing Ground - A Modest Proposal??
Message-ID: <v03007809b174251ecf82@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I always thought that getting the most out of what you have is a good practice in all facets of life, not just QRP. Hence compensating for low output power by choosing a high gain antenna or good location seems right up that alley. To me, I don't see what the beef is.

But for those who want to neutralize the effects of high and high gain antennas I suggest the following contest of wits, intellect, and ingenuity;

The antenna for the contest, including feedline, must be made from materials purchased for less than a certain amount, say \$19.50, from the local hardware emporium. The antenna must be built and erected at the beginning of the contest. The contest would run a certain number of hours, say 13, from the time the materials were purchased; verified by a receipt of course. Some sort of scoring scheme could be devised involving number of contacts, number of contacts with others who had built their own antenna for the contest, how near the antenna they are, amount of hair the operator has, chickens, and SPCs. Portable operation could be required. A description of the antenna would have to be submitted with logs. Joe would volunteer to collate the logs.

My guess is that even though this would "level" the ground, we would see many of the same calls at the top of heap. Not necessarily mine, even when I remember to send the logs in, but I have learned to be happy with my lot in life or try to improve it, Ham or otherwise.

Just my \$0.02 worth. - Duffey KK6MC/5

James R. Duffey
Maxwell Technologies Inc.
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

<ji3m@maxwell.com> (505) 764-3143
<http://www.maxwell.com/>

Date: Sun, 3 May 98 21:47:27 PDT
From: "Robert H. Sorge" <rsorge@phoenix.net>
To: qrp-1@Lehigh.EDU
Subject: [10135] DSP for CW
Message-ID: <Chameleon.980503215049.rsorge@phoenix.net.phoenix.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need some information on what to look for when considering a DSP for CW. Any
Elmering on
this topic is appreciated.
See you at FDIIM.
Bob

Name: Robert H. Sorge - KC5FMZ QRP-L#910,NORCAL#793,ARCI#96033
E-mail: rsorge@phoenix.net
Date: 5/3/98
Time: 9:47:27 PM

Date: Mon, 4 May 1998 20:39:25 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [10136] More STORM INFO
Message-ID: <Pine.SOL.3.91.980504202438.11154D-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Regarding this current solar/geomagnetic storm, the following
WARNINGS have been issued by various governmental agencies:

- * SHORTWAVE FADEOUT WARNINGS (including near black out conditions)
- * POTENTIAL MAJOR SOLAR FLARE WARNING (more solar activity possible)
- * SIGNIFICANT MAJOR TO SEVERE GEOMAGNETIC STORM WARNING (still in effect)
- * SIGNIFICANT MIDDLE LATITUDE AURORAL ACTIVITY WARNING
(Auroral activity will be active again tonight above 40-45 deg. latitude)
- * SIGNIFICANT LOWER LATITUDE AURORAL ACTIVITY WATCH

- (Auroral activity MAY be seen in some areas lower than 45 deg. latitude)
- * SATELLITE PROTON EVENT WARNING (meaning electronic damage to satellite components may occur).
 - * PCA EVENT IN PROGRESS (A Polar Cap Absorption Event is in progress, condition YELLOW, meaning in progress but not severe. Polar region signals are currently attenuated by 4dB).

These are the warnings currently in effect ... but it does not mean that all hopes of communications on HF is lost. Our poor old magnetic field is shaking and quivering right now from the shock wave of particles that hit us from Saturday's X-1 flares on the sun. The A-Index (long term measure) and K-Index (short term measure) has not significantly changed since noon, meaning either the main "core" of the solar flare missed us, or it is very, very late from predicted arrival.

So things may start settling down sooner than predictions.

QRPers BONANZA. Here's the main point ... the solar flux is climbing fast from all this activity. Find those holes in the geomagnetic storms, and propagation should be wide open on the upper bands, like 15M. Excellent time for low-power work. It might take a little dodging around the periods of geomagnetic storming, but when the "lull" occurs, propagation will be high, absorption low ... and probably a bunch of other guys who knows where looking for a DX contact too.

Good DX,
Paul NA5N

Date: Mon, 4 May 1998 19:57:36 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: <pharden@aoc.nrao.edu>
Cc: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [10137] Lessons in Solar Science
Message-ID: <003601bd77d1\$907fb280\$850efbcf@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul, Thanks so much for the solar info. I have read every book I could on propagation; ARRL handbook, The Shortwave Propagation Handbook (1st and 2nd editions), Shortwave Propagation, by Stanley Leinwoll (a classic), etc ,etc. In 33 years of SWL and hamming I have learned more about the subject from your articles the QRP Quarterly and

your postings on QRP-L than any other source.
Thanks for a job well done !! Please don't stop, this stuff is starting
to make sense! GL es 73 de Dan, N1DT/6

Date: Tue, 05 May 1998 03:13:10 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10138] Re: Lessons in Solar Science
Message-ID: <354e834b.2801620@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 4 May 1998 19:57:36 -0700, "Dan Trigilio" <danjt@cruzio.com> =
wrote:

>Paul, Thanks so much for the solar info. I have read every book I could =
>on
>propagation; ARRL handbook, The Shortwave Propagation Handbook (1st and=
>2nd
>editions), Shortwave Propagation, by Stanley
>Leinwoll (a classic), etc ,etc. In 33 years of SWL and hamming I have
>learned more about the subject form your articles the QRP Quarterly and
>your postings on QRP-L than any other source.
>Thanks for a job well done !! Please don't stop, this stuff is =
>starting
>to make sense! GL es 73 de Dan, N1DT/6

To all:

I'd be interested in programs that would allow me, for a given solar =
flux/K
index/other widely available measure, to produce tables from my general
location to other domestic and worldwide locations (in general -- west =
coast,
South America, Africa, etc). Any software out there?

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20

NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Mon, 04 May 1998 23:18:25 EDT
From: k7sz@juno.com (Rick Arland)
To: ji3m@maxwell.com
Cc: qrp-l@Lehigh.EDU
Subject: [10139] Re: Level Playing Ground - A Modest Proposal??
Message-ID: <19980505.042602.10767.11.k7sz@juno.com>

Duff....you're warped! I LIKE it!

73 rich K7SZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 04 May 1998 20:32:18 -0700
From: Robert Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10140] Re: Logikey K3 keyer
Message-ID: <354E8842.E21FE28@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I picked one of these up this weekend at HRO for \$119.95 (a leap of faith!). I'm a newbie and need some help from those that would know. The keyer has a number of emulation modes. Can someone enlighten me as to the differences/advantages/disadvantages of each. Do you believe this list:

- Logikey K1, K3 timing w/dot and dash memory
- Logikey K1, K3 timing w/dot memory only
- Logikey K1, K3 timing w/dash memory only
- Accukeyer timing w/dot and dsh memory
- Accukeyer timing w/dot memory only
- Accukeyer timing w/dash memory only
- Curtis "A" timing w/dot and dash memory
- Curtis "A" timing w/dot memory only
- Curtis "A" timing w/dash memory only

Iambic timing w/no dot or dash memory

Obviously some similarities, but with subtle differences?????

Thanks e 72,

Bob K6RKB

Date: Mon, 4 May 1998 23:24:36 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10141] Re: doughnuts....
Message-ID: <Pine.GS0.3.96.980504232348.18023A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Krispy Kreme Doughnuts.....

Chocolate please..... While I try to listen to 20 meters.....

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Mon, 4 May 1998 22:14:00 -0500
From: tedkell@juno.com (Ted Kell)
To: qrp-1@Lehigh.EDU
Subject: [10142] Re: doughnuts....
Message-ID: <19980504.222304.13294.9.tedkell@juno.com>

Oh the other hand, I always preferred "Spudnuts", which were donuts of a different kind. Very popular around the U of Illinois in Champaign about 1967. I understand they have been out of business for a long time. Does anyone know if there are any Spudnut shops left? If Spudnuts are not your thing, hgow about Spudguns? I saw one at the Houston Science fair recently. the kid said he could put a potato(e) 130 meters downrange. They are also good for putting up wire antennas, which are good for QRP

operations.....Huh?

Ted Kell
KC5CUW
Near the Johnson Space Center
Houston, Texas
<tedkell@juno.com> -or- <tkell@nyx.net>

On Mon, 4 May 1998 21:04:28 -0500 n5inz@juno.com (John M Andrews) writes:

>I like doughnuts....Really well.

>

>I would rather eat or talk about doughnuts then American relations
>with

>other countries or trade embargos- or most anything political.

>

>Glazed...Plain...Chocolate....Sprinkles....Cake....

>

>Are you *sure* we shouldn't talk about doughnuts?

>

>72, John- N5INZ

>

>-----
>You don't need to buy Internet access to use free Internet e-mail. Get
>completely free e-mail from Juno at <http://www.juno.com> Or call Juno
>at (800) 654-JUNO [654-5866]

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 May 1998 23:37:27 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Dan Trigilio <danjt@cruzio.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10143] Re: Lessons in Solar Science
Message-ID: <Pine.GS0.3.96.980504233443.18023D-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The lessons were great. I learned alot.

THanks..

For everyone requesting the Octopus diagram, I am going to make it up
tomorrow (try to as best as I can) and it will be posted by Mike after I

forward it to him. He will let you know after it gets posted.

I was going to snail mail them but have had 40-50 requests in just 5 hours or so. Anyone who still cant get it off the web, send me another request (after Wednesday please). Thanks.

73

Richard W4MCD

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Mon, 04 May 1998 19:53:39 -0800
From: "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP)" <larsennc@alaska.net>
To: ji3m@maxwell.com, qrp-1@Lehigh.EDU
Subject: [10144] Re: Level Playing Ground - A Modest Proposal??
Message-ID: <354E8D42.A75F2604@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Duffey, don't forget to include that no one can use an existing tower to hang the antenna. A dipole hung at 140 feet will still outperform mine at 35 feet. We need a maximum height listed for the antennas. No fair using 100 foot pine trees. That's not level.....

Actually, I think the whole idea could make a really cool contest. Why not Dipole Dementia Contest QRP (DDCQ)? Run that through your "What does the code sound like" checker. May end up more like CQ DD (Donald Duck?) than DDCQ.

73,
Jim, AL7FS

James R. Duffey wrote

> ...But for those who want to neutralize the effects of high and high gain
> antennas...
>
> The antenna for the contest, including feedline, must made from materials

> purchased for less than a certain amount, say \$19.50, from the local
> hardware emporium.
>
> My guess is that even though this would "level" the ground, we would see
> many of the same calls at the top of heap.
>
> Just my \$0.02 worth. - Duffey KK6MC/5
>

Date: Tue, 5 May 1998 00:01:53 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-l@lehigh.edu
Subject: [10145] Donuts and next Quarterly
Message-ID: <1777d1ca.354e8f33@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Someone let the cat out of the bag. The next issue of of QRP Quarterly will have an extensive article from Bruce M. on Donuts. He bought a representative sample from various venders and public service officers. Then he measured the surge impedance of each on a \$70,000 balanced bakery good evaluator (BBGE) at work.

Hate to give anything away, but you might not want to buy your next dozen at Radio Shack.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Tue, 05 May 1998 00:18:10 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>

Subject: [10146] Elmer 101: Part 4 - keying circuit and transmitter mixer
Message-ID: <354E9302.46AC@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok Elmerlings, here is our next section. Again it's late so I'm going to post what you need to get started and then follow up with some more theory. Don't wait for me to post again if you have questions. I'd rather deal with them as they come to mind than have you wait.

Chuck will be following up with the answers to his quiz shortly, so stay tuned. I'll bet he may even have another quiz based on this next section. If you want a peek at "my" answers to the quiz check the web site. <http://www.qsl.net/kf4trd> under the lessons section. Remember that these are "my" answers, not necessarily the correct ones. Remember that I'm also a student ;-)

Gather the following components.

U5 NE612 8 pin IC
PLEASE REFER TO DAVES INSTRUCTIONS FOR INSTALLING THIS PART. IT CAN BE
INSTALLED BACKWARDS AND THIS WILL DAMAGE IT!!!
Socket for U5
Q3 2n3906 pnp transistor
D11 1n5236 7.5 volt zener diode
C28 47pf
C29 150pf (the round "ceramic" one, not the oblong one)
C108 .01mf
C109 .01mf
C110 3.3mf Electrolytic
ATTN, THE ABOVE PART IS POLARIZED AND CAN BE INSTALLED BACKWARDS IF YOU
ARE NOT CAREFUL. ELECTROLYTIC CAPS HAVE A + AND A - SIDE. THE CAP HAS A
STRIPE ON THE - SIDE.
C111 .01mf
R19 1k ohm
R20 22k ohm
R21 10k ohm
RFC2 22 microhenry RF choke
Y5 4 mhz crystal

Install all the above components after you double check the values.
Install a small wire (3") with the end striped to J3-3. This is your
test key.

Double check your soldering and component placement. (Really, you
should)

Ok, power it up. You should measure 0 volts DC on pin 8 of U5. Temporarily connect the wire from J3-3 to J3-1. This simulates a key down condition. You should measure about 7.5 volts DC on pin 8 of U5. Also, using your RF probe or oscilloscope, you should see RF on pin 4 or U5. Disconnect the wire from J3-1 and power down the rig.

Here is a quick theory of the circuit you just built. The transistor Q3 controls the power to the transmitter. When you ground J3-3 you turn on Q3 and allow power to flow to the transmitter circuit. In this case we only have the transmit mixer installed.

R19 and D11 form a voltage regulator for U5 which I think isolates it's power from the rest of the transmit chain. When power is applied to U5 it mixes it's own oscillator frequency (determined by Y5, RF32, C28 and C29) with the VFO signal on pin 2. The resulting output is the sum and difference products, plus lot's of other "unwanted" mixer products. Please refer to the NE612 information in the technical information area on the elmer101 web page. The unwanted signals will be filtered out later. If you are looking at the output of U5 on a scope you will probably see a very messy signal, not a nice pretty sine wave.

What we are doing in this part of the circuit is deriving the transmit frequency from the VFO by mixing it with the equivalent of the IF frequency. Remember that in this radio the VFO freq (3 Mhz) plus the IF frequency (4 Mhz) equals the receiver frequency (7 Mhz). The same thing is done to derive the transmit frequency. The VFO (3 Mhz) plus the Y5 freq (4 Mhz) equals the transmit frequency. As our VFO frequency changes and our receive freq. changes we want our transmit to also change along with them. (Wouldn't be much of a radio if it didn't).

I'm sure this section will bring forth lots of questions on the venerable NE612 mixer chip. Glen Leinweber has provided a ton of good information on this little beauty which is on the elmer101 website at <http://www.qsl.net/kf4trd>

If you would like to view the data sheet for this part it can be found here <http://www-us.semiconductors.philips.com/acrobat/datasheets/SA612A.pdf> you need a pdf viewer to see it.

Melt solder!

--

72 de ku4qo

Mike Maiorana

Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Tue, 05 May 1998 04:38:32 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10147] Re: doughnuts....
Message-ID: <354e977c.7970616@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 4 May 1998 22:14:00 -0500, tedkell@juno.com (Ted Kell) wrote:

>Oh the other hand, I always prefered "Spudnuts", which were donuts of a
>different kind. Very popular around the U of Illinois in Champaign =
about
>1967. I understand they have been out of business for a long time. =
Does
>anyone know if there are any Spudnut shops left? If Spudnuts are not
>your thing, hgow about Spudguns? I saw one at the Houston Science fair
>recently. the kid said he could put a potato(e) 130 meters downrange.=20
>They are also good for putting up wire antennas, which are good for QRP
>operations.....Huh?

I'm pretty sure it isn't in business, but there is/was a spudnut shop in =
my
college town of Murfreesboro, Tennessee. Something about college kids =
and
spudnuts, I suppose. I'll check (hopefully) this week and report on =
current
status.

--
72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Mon, 4 May 1998 22:43:11 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Ed Tanton <n4xy@att.net>, qrp-l@lehigh.edu, mgemm@mtechnologies.com
Subject: [10148] Re: Straight Key Opinions
Message-ID: <199805050443.WAA12014@edison.chisp.net>

MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Ed--

Wow, thanks for the testimonial! May I quote you on the web page?

I guess you realize the 802 is one of those things it's hard to understand the price until you lay hands on one, but that's a real tough message for me to get across to people (of COURSE he says that-- he sells them!).

Thanks again!

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Tue, 5 May 1998 06:13:05 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [10149] Re: elmer 101: diodes questions...
Message-ID: <E0yWaDt-0007is-00@rhenium.btinternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Richard W4MCD said:-

>You can get a look at the diodes "curve" without a curve tracer. You can
>build a octopus. Its costs about \$15 US to build and uses generic parts.

<snip>

>What it does is makes a dual trace oscscope (in X-Y mode) read the junction.
>It puts 60 HZ signal (low voltage from a transformer) across the diode (or
>great for checking transistors in circuit)

<more snip>

>You can check for leaky caps real fast too in circuit too.

I have a commercial version of this called the "Huntron Tracker". I've had it for maybe ten years. It has a small integral screen to save hooking up to a 'scope. It's an amazing beast and my armoury of test gear would be lost without it. If you see one at a flea market, grab it, or perhaps Richard will send the details into QRPP or QQ so you can build one.

I'm really looking forward to Dayton next week. The Brits are coming!

72

Tony - G4WIF/KI8CR

Date: Mon, 4 May 1998 23:27:44 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: ji3m@maxwell.com, qrp-l@Lehigh.EDU
Subject: [10150] Re: Level Playing Ground - A Modest Proposal??
Message-ID: <199805050627.XAA21260@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

How about limiting the antenna to 100 feet of R/S 2c. speaker wire, any part of which may be split and used in ANY configuration...dipole, loop, long wire, vertical, or ??? No part of the antenna may be higher than 30ft at any point. Any grounds, radials or feedline must be made from the 200' total length of wire. No commercial coax, twin lead, ladder line allowed to feed the antenna. Any insulators, spreaders connectors must be homebrew.

>The antenna for the contest, including feedline, must made from materials
>purchased for less than a certain amount, say \$19.50, from the local
>hardware emporium. The antenna must be built and erected at the beginning
>

72/73 Floyd NQ7X M/NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP 8952 NORCAL DX WRKD HF=324 SAT=101 QRP=130

Date: Tue, 5 May 1998 02:26:41 -0400
From: "Duane" <duane@flinet.com>
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10151] Re: Elmer 101: Part 4 - keying circuit and transmitter mixer
Message-ID: <001901bd77ee\$c5f484a0\$0b180ed0@flinet.com.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Where is this elmer 101 web page I'm hearing about and how does one join in on the building and learning ?

duane@flinet.com

-----Original Message-----

From: Michael Maiorana <mikemo@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, May 05, 1998 12:28 AM
Subject: Elmer 101: Part 4 - keying circuit and transmitter mixer

>Ok Elmerlings, here is our next section. Again it's late so I'm going to
>post what you need to get started and then follow up with some more
>theory. Don't wait for me to post again if you have questions. I'd
>rather deal with them as they come to mind then have you wait.

>

>Chuck will be following up with the answers to his quiz shortly, so stay
>tuned. I'll bet he may even have another quiz based on this next
>section. If you want a peek at "my" answers to the quiz check the web
>site. <http://www.qsl.net/kf4trd> under the lessons section. Remember
>that these are "my" answers, not necessarily the correct ones. Remember
>that I'm also a student ;-)

>

>Gather the following components.

>

>U5 NE612 8 pin IC

>PLEASE REFER TO DAVES INSTRUCTIONS FOR INSTALLING THIS PART. IT CAN BE

>INSTALLED BACKWARDS AND THIS WILL DAMAGE IT!!!

>Socket for U5

>Q3 2n3906 pnp transistor

>D11 1n5236 7.5 volt zener diode

>C28 47pf

>C29 150pf (the round "ceramic" one, not the oblong one)

>C108 .01mf

>C109 .01mf

>C110 3.3mf Electrolytic

>ATTN, THE ABOVE PART IS POLARIZED AND CAN BE INSTALLED BACKWARDS IF YOU

>ARE NOT CAREFUL. ELECTROLYTIC CAPS HAVE A + AND A - SIDE. THE CAP HAS A

>STRIPE ON THE - SIDE.

>C111 .01mf
>R19 1k ohm
>R20 22k ohm
>R21 10k ohm
>RFC2 22 microhenry RF choke
>Y5 4 mhz crystal
>
>Install all the above components after you double check the values.
>Install a small wire (3") with the end striped to J3-3. This is your
>test key.
>
>Double check your soldering and component placement. (Really, you
>should)
>
>Ok, power it up. You should measure 0 volts DC on pin 8 of U5.
>Temporarily connect the wire from J3-3 to J3-1. This simulates a key
>down condition. You should measure about 7.5 volts DC on pin 8 of U5.
>Also, using your RF probe or oscilloscope, you should see RF on pin 4 or
>U5. Disconnect the wire from J3-1 and power down the rig.
>
>Here is a quick theory of the circuit you just built. The transistor Q3
>controls the power to the transmitter. When you ground J3-3 you turn on
>Q3 and allow power to flow to the transmitter circuit. In this case we
>only have the transmit mixer installed.
>
>R19 and D11 form a voltage regulator for U5 which I think isolates it's
>power from the rest of the transmit chain. When power is applied to U5
>it mixes it's own oscillator frequency (determined by Y5, RF32, C28 and
>C29) with the VFO signal on pin 2. The resulting output is the sum and
>difference products, plus lot's of other "unwanted" mixer products.
>Please refer to the NE612 information in the technical information area
>on the elmer101 web page. The unwanted signals will be filtered out
>later. If you are looking at the output of U5 on a scope you will
>probably see a very messy signal, not a nice pretty sine wave.
>
>What we are doing in this part of the circuit is deriving the transmit
>frequency from the VFO by mixing it with the equivalent of the IF
>frequency. Remember that in this radio the VFO freq (3 Mhz) plus the IF
>frequency (4 Mhz) equals the receiver frequency (7 Mhz). The same thing
>is done to derive the transmit frequency. The VFO (3 Mhz) plus the Y5
>freq (4 Mhz) equals the transmit frequency. As our VFO frequency changes
>and our receive freq. changes we want our transmit to also change along
>with them. (Wouldn't be much of a radio if it didn't).
>
>I'm sure this section will bring forth lots of questions on the
>venerable NE612 mixer chip. Glen Leinweber has provided a ton of good
>information on this little beauty which is on the elmer101 website at
><http://www.qsl.net/kf4trd>

>If you would like to view the data sheet for this part it can be found
>here
><http://www-us.semiconductors.philips.com/acrobat/datasheets/SA612A.pdf>
>you need a pdf viewer to see it.
>
>Melt solder!
>--
>72 de ku4qo
>Mike Maiorana
>Palm Harbor, FL
>
>"Have a great day, and enjoy whatever liberty you have remaining!"
>
>

Date: Tue, 05 May 1998 00:30:36 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10152] Trade
Message-ID: <354EB20C.5A6E@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Will trade Mizuho MX-7S for an AEA 10 meter rig. The MX-7S has been case
modified, but works great.

Freq: 7.100 to 7.140 cw and 7.234 to 7.262 SSB
Pwr: 2 watts

72, Tom WB5QYT

Date: Tue, 5 May 1998 02:53:32 -0400
From: "Duane" <duane@flinet.com>
To: "qrp-l group" <QRP-L@Lehigh.EDU>
Subject: [10153] sw40 kit
Message-ID: <001b01bd77f2\$8757a160\$0b180ed0@flinet.com.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can someone email the web address or location where I can purchase an SW-40 radio.

thanks

duane@flinet.com

Date: Tue, 5 May 1998 02:58:44 -0400
From: "Duane" <duane@flinet.com>
To: "qrp-l group" <QRP-L@Lehigh.EDU>
Subject: [10154] sorry abt resending
Message-ID: <002501bd77f3\$3fa0c120\$0b180ed0@flinet.com.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys I did not mean to resend the elmer 101 part 4 on my previous posting.

duane@flinet.com

Date: Tue, 05 May 1998 00:12:30 -0700
From: Bill Todd <bill@willapabay.org>
To: k7sz@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [10155] Re: Contesting/beams/dipoles
Message-ID: <1.5.4.32.19980505071230.0071cde8@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Can't we EVER give this topic a rest?

>

>Facts of ham radio life:

>

>1. The playing field will NEVER be level. There will ALWAYS be someone
>with a bigger antenna, higher antenna, better location, more rare area,
>etc.

>Deal with it!

Right-0!

I couldn't believe that the "unfairness" issue of great antennas Vs average antennas for contest scoring ever came up in the first place.

I don't mean to put words in people's mouths...but this same logic has been applied to a nations' wealth being distributed equally among all citizens. The idea has been tried, and that goofy idea didn't work that well either.

CUL, Bill-N7MFB
<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Tue, 5 May 1998 00:27:39 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [10156] Re: Level Playing Ground -
Message-ID: <19980505072905.AAA4912@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I devised a watercooled delete key because it was beginning to smoke from overuse. The earliest mention I could find of this thread was 4/29 (it just seems like it was months ago). WHAT FOLLOWS IS NOT A FLAME BUT A LOGICAL EXTENSION OF THE THREAD.

After levelling the playing field, the only things left to level are the topography (everyone must transmit from the bottom of a valley), the geography (no one can be closer to or farther from saltwater than xxx miles), the meteorology (all must have rain static popping in their receivers), the metallurgy (no one can use copper wire because someone else might be using a poorer conductor). Then after we've done that let's make certain everyone can send and receive code at the same speed, that all ops have identical receiver sensitivity and selectivity, that we all have Norcal Paddles (or some other mutually acceptable keying device), that operating positions have neither kids nor dogs to distract, etc etc etc.

If you think it's starting to sound a bit ridiculous, then you're beginning to get my drift!

One thing you DON'T have to give up when operating QRP is your individuality. The only thing you have to have to surrender is POWER.

I think Paul said it best (with a little modification from the G-QRP club)
QRP=5 watts CW or 10 watts SSB PEP. PERIOD.

73/72 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Tue, 05 May 1998 00:25:19 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10157] RR mobile (results)
Message-ID: <354EB0CF.27EF@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow QRPer's

We stopped for lunch about 0125 and only had 5 min to prepare for the RR mobile test. Ended up tying the 1/4 wave sloper off to a telephone pole near the engine. Started calling CQ at 0135...and called CQ ...and called CQ....about to give up when AA8Y0 in Dearborn, Mich. gave me a call!! I nearly fell out of my seat, and started to think about the damage the solar flare has done to one of my favorite bands!! Bob gave me a 339 and I gave him a 579. Figured I had opened up the band, so cut it short with Bob as I wanted more contacts.....Called CQ....and called CQ.....and I thought I had opened up the band...NOT!!Just as I was about to give up a local KX5Y(Ron) gave me a call. Had a short qso and then I went qrt at 0210....little shy of the of 0230, but I was hungry and the band stunk anyhow!!

Wonder if 40 m was as bad as 30 m? Had fun anyhow, and am going to build a mag mounted vertical for the loco next week and then can make contacts on the roll!!

Guess I could take my kite and hook the 1/4 sloper to it and just tell the "hog head"(engineer) to do about 10 or 12 mph.....YA, qrp is fun!!

72, Tom WB5QYT/RRM
"Have spud will travel!"

Date: Tue, 05 May 1998 05:11:48 -0500
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [10158] Re: doughnuts....
Message-ID: <354EE5DF.18120AFB@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John M Andrews wrote:

> .
>
> Are you *sure* we shouldn't talk about doughnuts?
>
> 72, John- N5INZ
>
>

AT LAST! A subject I can really sink my teeth in to! And one that I have some experience with, too.

Mike
KA0AMA
QRP-L #1506
IAQRP #5
Cop since 1973
Galesburg, IA

Date: Tue, 5 May 1998 03:20:19 -0700 (PDT)
From: "John D. Erskine" <yed794@victoria.tc.ca>
To: Marty Watt <mwattcpa@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10159] Re: Prop software was Lessons in Solar Science
Message-ID: <Pine.GS0.3.95.iB1.0.980505030908.28977c-1000000@vtn1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 May 1998, Marty Watt wrote:

To all:

I'd be interested in programs that would allow me, for a given solar flux/K index/other widely available measure, to produce tables from my general location to other domestic and worldwide locations (in general -- west coast, South America, Africa, etc). Any software out there?

--

72 es 73 de Marty, KM7W

Franklin, Tennessee <http://home.earthlink.net/~mwattcpa>
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Hi Marty et al,
Jacques d'Avignon VE3VIA distributes a package called ASAPS propagation software. He's been doing forecast graphs for TCA(The Canadian Amateur) the publication(indirectly) put out by RAC(Radio Amateurs of/du Canada) for years and may use this for that purpose. I'm not familiar with the package and standard disclaimers apply. Contact info is

monitor@rac.ca phone 705-750-1636 fax 705-750-1637

He lists yet another web site for prop info

www.ips.gov.au/asfc/usa_hf/index.html don't know if this is just

another route/mirror to/of the sites already mentioned.

I haven't checked it out yet as my ISP is text based. Will make a trip to the library and check them all out this week.

TTFN es 72/73 John

J.D. Erskine
VE00TC VE60TC VE30TC /VE7
yd794@victoria.tc.ca
Victoria BC Canada

Date: Tue, 5 May 1998 07:31:59 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: cfishman@pica.army.mil
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10160] Re: Diode matching
Message-ID: <Zu1CNMAfJrT1EwkI@lfheller.demon.co.uk>

MIME-Version: 1.0

In message <61184F6C1EF9D0119A6300609798EA460101816A@pica-emh9.pica.army.mil>, "Fishman, Clark" <cfishman@pica.army.mil> writes
>I just built a double balanced mixer using 1N914 diodes. I made a test
>set for matching by terminating a signal generator in 50 ohms and
>feeding it in series with the diode under test. The other end of the
>diode went to the parallel combination of a 2.2K resistor and .01 uf cap
>to ground. A digital DC volt meter was across the 2.2K and reads the
>detected voltage.
>
>simple and it works

I just measure the forward resistance.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Tue, 5 May 1998 05:04:47 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-l@lehigh.edu
Subject: [10161] WTB: 40M qrp xcvr
Message-ID: <19980505.050449.10430.0.w0yse@juno.com>

I am interested in buying a 40 meter qrp/cw transceiver already built and working as per 'specks. If you have an extra xcvr that you aren't using and want to part with it, please email me direct with your asking price.

-73's

Neil, w0yse since '54
now from Layton, Utah

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Mar 1996 17:19:27 -0500

From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [10162] Re: doughnuts...
Message-ID: <199805051136.HAA16609@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Spud guns... yeah, I ran into a kid in a large park one Saturday who was playing with a spud gun. It was awesome, dudes, made me wish I was 35 years younger... before I had an object lesson in why you shouldn't play with things like that -- a cherry bomb went off in my hand back in '65, cured me for life!
I bet a spud gun COULD get a line pretty high up in a tree thou, and the gun WOULD be homebrew... and it COULD be fired from a distance... I wonder how a potato terminated antenna would do...

Date: Tue, 5 May 1998 07:55:01 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Cc: eax@w3eax.umd.edu, anielsen@squid.umd.edu
Subject: [10163] Banquet registration
Message-ID: <Pine.LNX.3.95.980505074510.15017K-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I registered nine more people yesterday alone.

Dayton is only 9 days away!!!

ONLY NINE DAYS AWAY!

As of this morning, I have a stunning tally of 187 people registered for the QRP Friday night banquet.

\$22/person, lots of food and tons of door prizes, plus WORSP speaking.

Friday, May 15, 7 p.m., Days Inn Dayton South Miamisburg.

Scott Rosenfeld NF3I

4015 Sparrow House Lane
Burtonsville, MD 20866-1333

If you send for tickets, it's better to do it, like, today. Otherwise, you can pay at the door BUT it'd be better to let me know ASAP that you're coming.

Will we hit 200? I think so. I can also stuff up to 280 people in there per fire marshal regs, so we're doing OK. If you're on the fence, and think you <<MIGHT>> wish to attend, seriously consider it. I have a total of 250 tickets printed, and I hate to waste paper. We WILL be limited, of necessity, in the number of at-the-door ticket sales.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 05 May 1998 07:14:58 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [10164] May SS
Message-ID: <3.0.1.32.19980505071458.00693d98@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Managed 3 contacts with the NW-20 -- AA7QU (OR), KT7S (OR), and W6ZH (CA). Heard nothing to the east and by 0130z only a few stations down the band. I switched over to the TS-430 on 40 and heard SP calls around 7.040. My attempts here were covered up by a couple of strong XE stations. With the band conditions as they are, I was again surprised at the capability of the NW-20. My setup included the NW-20 (12V gel-cell power), MFJ keyer, Bencher key and HF9V antenna.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Tue, 5 May 1998 07:40:01 -0600
From: "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
To: qrp-l@Lehigh.EDU

Subject: [10165] Dallas Sidewalk Sale....
Message-ID: <A7605E1588@nich-nsunet.nich.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Hello Group!

Few years ago I heard about a Hamfest or "junk in the trunk"
that is held in Dallas where everyone sets up out on the sidewalk
or out of the trunks of their vehicles. I was told that this starts
in the evening and runs all night.

Not another Dayton but really nice....

Any truth to this????? Any info would be appreciated.

Thanks es 73 de WA50JI Evert
QRP-L 1562 (yesterday)
ARCI-???? (on the way)

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4993
Snail - P.O. Box 2168 Thibodaux, La. 70310
Home - 117 Sawmill Rd., Thibodaux, La. 70301

Date: Tue, 5 May 1998 09:10:44 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@Lehigh.EDU>
Subject: [10166] Solar Info - Thanks Paul.
Message-ID: <005b01bd7827\$37268190\$ef8994d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I am enjoying the solar info lessons, they sounded like magic before, but
makes sense when explained in colloquial language.

Now Paul, I think this solar event affects the internet also, just look at the poor propagation of QRP-L in recent weeks. :)))

What's all this I hear about Krispy Kream? They made a big deal out of them on NPR, and I've never had any. And I do like donuts.

[illegible]

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Graphics by Loek Frederiks

Date: Tue, 5 May 1998 08:44:17 -0500 (CDT)
From: "Phillips Richard" <phillips@msoe.edu>
To: John M Andrews <n5inz@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10168] Re: doughnuts....
Message-ID: <Pine.OSF.3.96.980505084246.14628C-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You forgot jelly filled, my favoite. I'm also partial to Long Johns.

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Mon, 4 May 1998, John M Andrews wrote:

> I like doughnuts....Really well.
>
> I would rather eat or talk about doughnuts then American relations with
> other countries or trade embargos- or most anything political.
>
> Glazed...Plain...Chocolate....Sprinkles....Cake....
>
> Are you *sure* we shouldn't talk about doughnuts?
>
> 72, John- N5INZ
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]
>
>

Date: Tue, 05 May 1998 08:41:55 -0500
From: crc <crc@io.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [10169] doughnuts

Walnut frosted....Legal in all states.....
charlie crouchet
wa5krf

Date: Tue, 05 May 1998 09:57:16 -0400 (EDT)
From: n4js@pobox.com

To: qrp-1@Lehigh.EDU
Subject: [10171] 2sc799 vs...
Message-ID: <XFMail.980505095716.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Thanks for the replies. It IS NOT the same. Someone reminded me when they mentioned the Sierra. I put an MRF237 in mine, also a couple years ago when I built it.Pass the Ginkoba, dear....

Sent at 09:57:16 on 05-May-98

John L. Sielke n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 5 May 1998 08:00:49 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU, wb3aal@talon.net
Subject: [10172] Re: familiar with tubes?
Message-ID: <199805051400.IAA24313@rgfn.epcc.edu>

Don't remember seeing a reply on the list so this is quoted from the RCA Transmitting Tube Manual TT5 - couldn't find the TT-1 which has the drawings ;)

851 - Power Triode

Thoriated-Tungsten filament type used as AF power amplifier and modulator and as RF power amplifier and oscillator. May be used with full input up to 3 Mc (Mhz), and with reduced efficiency input up to 15 Mc (Mhz). Tube may be operated in vertical position with plate in vertical plane. Maximum over-all length, 17 5/8" Maximum diameter 6 1/8". Filament volts (ac/dc) 11, @ 15 amperes, Maximum CCS ratings as RF power Amplifier and Oscillator: dc plate volts 2500 MAX, dc grid volts, -500 MAX, dc plate amperes 1 MAX, plate dissipation 750 watts Max. The 851 is discontinued and is listed for reference only. end quote.

Sounds like a nice conversation piece.

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Tue, 5 May 1998 10:01:40 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: "Kenneth McCaughey [N3FZX]" <kenneth@w3eax.umd.edu>, jsm@cen.com,
w3gx@yahoo.com, Chris Cartwright <ccart@dns.vidtel.com>, whowell@hq.nasa.gov,
k3tks@abs.net, wa8mcq@abs.net, w3oj@juno.com, qrp-1 <qrp-1@Lehigh.EDU>,
eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Subject: [10173] The DC-to-Dayton Caravan
Message-ID: <Pine.LNX.3.95.980505095246.15655G-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Leaving Wednesday morning

- 1) WA8MCQ
- 2) K3TKS

Leaving Wednesday, after work, from Gaithersburg

- 1) N3XRV, driving his behemoth
- 2) N3BYY + Nyack (K9DOG)
- 3) W3GX
- 4) N3FZX
- 5) NF3I

(can all of the above, with gear, fit into Chris' behemoth???)
Hmmm...NF3I's vehicle serves as overflow)

Leaving Thursday morning

- 1) KD3FG
- 2) KA3RPU

Flying out Friday afternoon

- 1) KB3BWR

Still waiting to hear from W3OJ

Not going are WV3J and N3Y0Y

If you have the urge to make this haj to Mecca, now's the time to let me/us/we know about it.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 05 May 1998 10:13:27 -0400
From: olyellr@iglou.com
To: qrp-l@Lehigh.EDU
Subject: [10174] Solar info-new book.
Message-ID: <3.0.5.32.19980505101327.0081fe80@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There's a new propagation book out, at least is here in Louisville, and I got it from the library.

The title is "The New Shortwave Propagation Handbook" and the authors are:

George Jacobs, W3ASK
Theodore J. Cohen, N4XX
and Robt. B. Rose, K6GKU

It's a very good book and covers such things as principles of propagation, sunspots and cycles, forecasting and HF propagation software, various HF and VHF conditions, etc.

It's written by hams for hams and shortwave listeners and is one of the best I've read and I recommend it to anyone interested in understanding propagation, etc.

73 to all,
Mike L.,

de KE4HLU
FISTS #4139 **FISTS CW Club**
99% CW OP....for the pure JOY of it!

Date: Tue, 5 May 1998 10:14:46 EDT
From: Billjohn <Billjohn@aol.com>
To: cjayheff@erols.com, qrp-1@Lehigh.EDU
Subject: [10175] Re: BEATEN-TO-DEATH SUBJECTS
Message-ID: <5ae8c41.354f1ed7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Craig,

Do what I do. . . delete without reading, it goes so much further and not more than one stroke (or two) needed.

This is also a way of ignoring subjects and certain flame mail topics.

Don't ask me about Cuba, I haven't read a thing.

72,
Bill
K9YEQ

Date: Tue, 05 May 1998 08:23:12 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [10176] Re: (Fwd) Wow. A = 317, K = 9 @0500 UTC
Message-ID: <354F20D0.14C26770@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> "WARNING: An extremely strong solar wind shock wave was observed at SOHO at
> 0230 UTC on May 4.

You know, I think the Sun is just a bit miffed that we have been able to take better naked photos of it lately.

joh_n - nθh_j

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Tue, 05 May 1998 10:26:05 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [10177] Considerations for transistor substitution
Message-ID: <354F217D.6258@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When you have to substitute a transistor, what are the critical parameters that you need to look at when comparing the old device specs and the substitutes specs?

There are so many different types of transistors. I mean, an amplifier is an amplifier, right (I'm egging you guys on ;-)

Obviously there is:

Pinout

Power dissipation

Gain (beta)

Max collector current

So if I need to replace the RF power transistor in my HW-8 and can't find a 2N4427, can I just take any old "rf power amp" transistor in a TO-220 case that exceeds the power spec of the original and solder it in? What are the implications.

Any input from those in the "know"?

— —

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Tue, 5 May 1998 07:30:45 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [10178] Engineer Joke
Message-ID: <Pine.SOL.3.96.980505072601.4912H-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Too many engineer's here to pass this up. If you don't
want to waste you time reading a joke, delete now!!

An engineering student is walking on campus one day when another
engineer rides up on a shiny new bike. "Where did you get such a
rockin' bike?" asked the first.

The second engineer replied "Well, I was walking along yesterday
minding my own business when a beautiful woman rode up on this bike.
She threw the bike on the ground, took off all her clothes and said
"Take what you want."

The second engineer nodded approvingly, "Good choice, the clothes
probably wouldn't have fit you."

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 05 May 1998 07:21:39 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [10179] New Webpage
Message-ID: <354F2073.89D1CC0E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

My first attempt at creating a webpage (<http://www.psnw.com/~kd7s>) is now available for viewing. Keep in mind that this is a "ya' gotta' start somewhere" effort.

The section on homebrew cabinets is a "how-to" and designed to nudge folks in the direction of making their own electronics enclosures. All the photographs of my homebrew rigs incorporate hand made cabinets.

The webpage will expand in the future to include complete, step-by-step instructions on how to make custom cabinets for common board kits. Many will include drilling templates for the front and rear panels as well as decorative panel overlays. Other subject matter will focus on design information oriented toward ergonomics and esthetics.

In the meantime, I would appreciate any and all feedback on the content and layout of my current effort.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 5 May 1998 16:00:39 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [10180] KD7S' homepage
Message-ID: <199805051500.QAA01272@chuck.dallas.sgi.com>

Gang,

Bill just posted his homepage location, so if you have not seen any of his handiwork and you can surf, then his site is a must visit IMHO. I got a look at it yesterday. Even though he has just started he, in just a few pages, will give you more ideas that will occupy a lot of your free time when you start building enclosures.

On his page with the homebrew rigs, the NorCal 40-9er won first place in Dayton several years ago for the building contest on the 40-9er sponsored by NorCal. That cost Doug some money. :-) The dial is homebrew also. The kid does good work. In fact, if I'm not mistaken, every rig shown has won or placed in some building contest from coast to coast.

The NorCal 38 Special with Bill's "e-dial" of which I have an image among mine of the board and parts is a very neat package. It was written up in QRPp Volume V Number 1 in April of last year, 1997. Page 33 if you have it handy.

So a lot work on Bills part and his notes on building ABS enclosure will certainly be put to use by a larger number of us.

<http://www.psnw.com/~kd7s> was the address and the dog will drive you crazy. :-) Cute Bill.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 5 May 1998 10:58:08 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10181] Re: BEATEN-TO-DEATH SUBJECTS
Message-ID: <002201bd7836\$3847ab30\$0d8a94d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill,

How did you find out about my secret tool, the all powerful multi purpose..... delete key :))).

>Do what I do. . . delete without reading, it goes so much further and not
>more than one stroke (or two) needed.

This is the ultimate speed reading and time management technique. HI HI

>Don't ask me about Cuba, I haven't read a thing.

What happened? JUST KIDDING!!!!

73/72/FUN de Vince, VE3VFN.

Date: Tue, 05 May 1998 10:11:15 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: alan.kaul@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10182] Re: Level Playing Ground -
Message-ID: <354F2C13.68892379@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last word from me and hopefully from you:

Let's level our heads (!) and put a sock in this thread.

Enough!

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583 FISTS #4930
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Tue, 05 May 1998 09:11:51 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Danh Le <dql@slip.net>
Subject: [10183] RE: Question about the MRF477 transistor
Message-ID: <5104C9F8B0B5D1118C250000F80625374E18EF@emss02m13.ems.lmco.com>

Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Dan, you have a nice transistor there. The MRF477 is still in the Motorola catalog. It's specified for 12.5 volts to 30MHz. Output power: 40 watts CW or PEP, Power Gain: 15dB, Efficiency 40% minimum (PEP). This transistor has been used in amateur radio finals and in some SSB QRP rigs. The transistor is also rated at a VSWR mismatch capability of 30:1 VSWR at the rated output power and supply voltage.

Nick KG5N

From: Danh Le [SMTP:dql@slip.net]
Sent: Monday, May 04, 1998 6:13 PM
To: Low Power Amateur Radio Discussion
Subject: Question about the MRF477 transistor

Hi,

I bought a few of these transistors from RF Parts a few a few years ago. I am just wondering if I can use them as final on any qrp rigs? I looked at Motorola web site, but could not find the spec sheet for the MRF477 anywhere.

72 de Dan, ke6d

=====
Danh Le
Amateur Radio Station KE6D QRP-L # 1212 NORCAL # 2414
dle@san-jose.ate.slb.com (work)
dql@slip.net (play)
ke6d@w6yx.ampr.org (packet)
=====

Date: Tue, 5 May 1998 11:43:22 -0400
From: "Mike Czuhajewski" <mzczuhajewski@evi-inc.com>
To: "QRP forum" <qrp-l@Lehigh.EDU>
Cc: "Mike Czuhajewski" <wa8mcq@abs.net>
Subject: [10184] 38 Special assist needed
Message-ID: <199805051546.LAA04272@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I was asked about 38 Special troubleshooting by a QRPer who is not on qrp-l. Unfortunately I never even finished mine and don't know much about the common problems they exhibit. Does anyone have any suggestions? Here's his mail; please reply to me at wa8mcq@abs.net and I'll forward the comments. Thanks.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

A friend dropped off a 38 special that is dead. No receive, no transmitt.

Got the VX0 to work.
the bfo/product detector is so so.

I now have the following:

Drawing 800 + ma from the power supply
puts out less than a half watt of RF.

I can hear some sations, but gain is really low (Iam using a 8 ohm speaker, may not be correct to use that)

If probe the BFO, the output is unstable, touching any part of the circuit, the bfo seems to pop up . Soldering looks good.

Going to replace the 74hc240/

I have a feeling that the rig is not switching correctly and thus leaving the bfo somewhat on and somewhat off. Your ideas, please.

Date: Tue, 05 May 1998 08:46:57 -0700
From: Bill Todd <bill@willapabay.org>
To: qrp-l@Lehigh.EDU
Subject: [10185] Re: Contesting/beams/dipoles (last gasp!)
Message-ID: <1.5.4.32.19980505154657.006604bc@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:27 AM 5/5/98 -0500, you wrote:
Bill,

Yes, I think we can give the "level playing field" topic a rest.
However, I also think this silly contest idea that it seems to have
spawned, is a fun one, and it may provide what we all are looking for,
an excuse to have some more fun!

I'm in for the ride.

73s,

Fred Ringwald, ABOAE
fred@innocent.com

Hi Fred -

You know, there is a radio Club in Washington state that used to run a
contest called the "(something or other) Crooked Stick" contest. Each
participant was given 200 feet of wire, 50 ft. of rope, and one hour to set
up an antenna.

No pre-assembled antennas were permitted, no coax was allowed, etc. I never
participated in the contest myself, but I hear it was a great deal of fun.

Perhaps this kind of contest provides the kind of level playing field that
people are looking for.

CUL, Bill-N7MFB
<http://www.willapabay.com/~bill>
ICQ me at #8926298
<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Tue, 5 May 1998 12:03:42 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [10186] An ugly picture...
Message-ID: <852565FB.0057E857.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

...wanna see one?

<http://www.dxlc.com/solar>

Paul, NA5N, isn't kidding about near-blackout conditions. W1AW on 80 meters is normally many dB over S9 in northern NJ. Last night's Qualifying Run was rough copy at my QTH!

Hope this cloud lifts soon. Planetary A index is somewhere in the 90s.
Ouch.

72, David N2SMH
Glen Rock, NJ

Date: Tue, 5 May 1998 11:56:55 EDT
From: MNHopkins <MNHopkins@aol.com>
To: cs-erh@nich-nsunet.nich.edu
Cc: QRP-L@Lehigh.EDU
Subject: [10187] Dallas Sidewalk Sale described
Message-ID: <8d13de48.354f36c8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

They call it First Saturday and it has ham origins, but it has moved away from us.

In the early '70s it began at another location but has always followed a firm called ECI. In the early '80s it moved to its present location at the corner of US 75 and Ross Avenue on the Northeast corner of downtown Dallas. It spreads for blocks thru a system of parking lots that border an arts district. The preddominate content is computer now -- overwhelmingly, and those are the folks who gather Friday night and it is the computer buyers who arrive before dawn shopping with 5 cells.

About dawn the hams, the few, maybe a half dozen or ten, show up and congregate closest to the ECI store which is right on the intersection of US 75 and Ross. There will be at least one broadcast radio person, too. Jim Sergeant is vice president of a local group called Vintage Radio and Phonograph Society (VRPS) and he will be ter with a truck full of mouldy old stuff while WA5VJB, Kent, is faithfully maintaining an epicenter for the North Texas Microwave Society folks who's trade approaches plumbing to most eyes. But there is no longer a cadre of sellers.

What happened? We got older, and quit fixing old rigs, and other meetings, particularly the one at Tandy Corp's warehouse in Fort Worth on the Third Saturday, siphoned some away. Others meet in miniscule clumps in McKinney to

the North on Fourth Saturday and the twice a year Belton hamfest, 150 mi south, has been a factor.

So if you are in Dallas on a First Saturday, come by at about daylight. Surely do that if you want cheap computer parts. But if it is a long drive, you may want to skip it. It, like so many of us, ain't what it used to be.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Tue, 5 May 1998 11:57:36 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [10188] Dayton Pickups
Message-ID: <01BD7822.A905E940.tracy@bytemark.com>

Just a quick note to let you guys know that 9:00 pm (Eastern Time) Wednesday is the absolute cutoff for orders to be picked up at Dayton. Save a little shipping, and say hello! If you order on our site, mention in the notes field that you want to pick up at Dayton and you won't be charged shipping.

Tracy Markham, N4LGH QRP-L#1453
ByteMark / Amidon
Tracy@bytemark.com
www.bytemark.com
800 679-3184

Date: Tue, 5 May 1998 12:30:48 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-l@lehigh.edu
Subject: [10189] DeMaw "Barbados" RX kit F/S/T
Message-ID: <5fe95c44.354f3eb9@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Since it has been 14 years, it does not look like I will ever finish the "Barbados" or "Simple Superhet" receiver kit I bought from long gone Circuit Board Sepcialists, so I am putting it on waivers.

This is the one that used the 3.579 R. Shack colorburst xtals for an if of 260 cy. I started it, mounted the rocks cand caps and such but never completed it. It was first described as a VX0 L0, but I have the optional 40M VFO stuff in a sack.

Also have the article, or a couple of them including a 30M mod and will sell for \$20 plus postage or trade for a Receive converter or 6M item in most any shape.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Tue, 5 May 1998 12:52:04 -0400
From: mstangelo@worldnet.att.net
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10190] Re: Engineer Joke
Message-ID: <19980505165654.AAA8207@mstangelo.ems.att.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I don't get it... but I'm assuming these are female engineers.

>
> An engineering student is walking on campus one day when another
> engineer rides up on a shiny new bike. "Where did you get such a
> rockin' bike?" asked the first.
>
> The second engineer replied "Well, I was walking along yesterday

> minding my own business when a beautiful woman rode up on this bike.
> She threw the bike on the ground, took off all her clothes and said
> "Take what you want."
>
> The second engineer nodded approvingly, "Good choice, the clothes
> probably wouldn't have fit you."
>
>
> *****

Date: Tue, 5 May 1998 13:04:30 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-l@lehigh.edu
Subject: [10191] odd transistor
Message-ID: <199805051704.NAA21948@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a Startek counter that has worked only intermittently.

With some sleuthing, I discovered that if I bypass the first transistor, it works fine. Only trouble is that the parts are all marked with in house numbers. The thing says A06, and has a dot.

So I gets me a couple from TechAmerica that looks kinda like it -- an MRF901 and an MRF 571. Trouble is that I don't know which lead is which. The 901 is in the 91 Handbook, but they don't bother to say which of the 4 leads is the Emitter.

All the rf geniuses out there no doubt will know directly.

If you know what's in the Startek, or anything about the 901, please let me know.

Thanks

73 jerry w8gnd

Date: Tue, 5 May 1998 13:03:19 -0400

From: km3d@juno.com
To: qrp-1@Lehigh.EDU
Subject: [10192] RE: doughnuts...
Message-ID: <19980505.130320.3446.0.km3d@juno.com>

Hey, what are 'sopapillas?

... the best are the jelly-filled; with peanut butter on top.

73, Harry, KM3D

QRP Mobile (w/ Hustler antennas)
20m CW - NN1G w/Curtis Keyer
75 + 20m SSB - Norcal Cascade

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 May 1998 17:10:28 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [10193] Sprint and Murphy.
Message-ID: <354F4804.7B3D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got home to find dinner cooking. A full 45 minutes before the sprint!

The last couple of sprints have been interrupted by mandatory dinner call. In our house we all sit at the table, most of the time whether or not the kids say they are hungry -- The gamestations are turned off along with the TV. Kids seem to suddenly be hungry when the programs are turned off!

Same goes with me. QRT the rig for dinner. But last night it looked like dinner would be a distant memory by 6:00 PM start of the sprint. Wrong. Dinner bell rings at 10 minutes after 6.

OK. 30 minutes later and I can really dig in! Nothing on 20 meters. 40 meters "seems" OK.

Using the OHR-100/4Watts and the 5 yr. old Makita battery

providing a little juice, I begin the call with my Les Logan
#501 Bug.

What the? Is my transmit offset off? No-one came back to me.

Finally after 10 minutes of playing "Hunt-N-Pounce" I open up
the filter and call CQ. Stations come back zero-beated; OK!

I quickly worked a few but started questioning my filter, seems
the work I did on the OHR last Sunday left the UPPER Side band
stronger than the lower.

Welcome Home Murphy! OK. 4 screws later I've got the top open
and I'm diddling the familiar capacitors and what-not.

Next thing I know I've got it perfectly tweaked and virtually
no upper sideband. Tight as a gnat's behind. Geez, the sprint
is over in 10 minutes....

What I learned: Although possible, tuning your OHR-100 to zero-beat
with rit off and Null BFO will give you both sidebands and ease
of zero beating signals. Tuning as OHR specifies with a 700 Hz
offset on receive allows a sharp cut off of the upper sideband,
but only when you calibrate at 700 Hz above the incoming signal.

So to receive and Transmit at exactly 7040 KHz, OSC=7040.7;
BFO Tone=700Hz and goes to NULL at 7041.2 KHz. When OSC=7040.7,
adjust transmit offset down 700 Hz.

The CW filter now seems too tight, if there is such a problem!
But I may return to BFO/TRANSMIT NULL with Rit off. I'm so
used to Boatanchor receivers....

Moral of my story: Even with bad bands, sometimes just "Trying"
to get on the air is all you need to learn something.

STATION:WE6W,OHR-100 @ 4 Watts dropping to 3 Watts.

Les Logan Bug, Ant Tuner/Watt meter

TOTAL Weight:6.5 Lbs.

QSO's (ALL ON 40 Meters:10

K6PZB,W6SU,AB7TK,W6ZH,N7XJ,N7CEE,KF6CTA,WD6FDD,W7ZOI, WB6TFP[20 Watts]

Really enjoying Ham Radio every day.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 05 May 1998 13:28:58 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [10194] Re: odd transistor
Message-ID: <354F4C5A.15D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The part is a Mini-Circuits MAR-6 MMIC--Zack W1VT

Date: Tue, 5 May 1998 12:34:05 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [10195] Miscellaneous (How's that for a heading?)
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C1E7E1E@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Went to the Livermore CA flea market Sunday, and found something interesting. An unopened 100 ft roll of Belden 72-ohm kilowatt twinlead. \$2 !!! Now, how many hams do you know who would even recognize it if they saw it? Don't know how long ago they quit making it, but I never see it advertised anywhere.

This will go into one of my 40m FD antennas for sure, nearly zero loss at QRP :-)

Dwight WA6NAE and I took in the NorCal meeting next. Great way to check off two events in one trip. Had a great time looking at various pieces of "show and tell". Also picked up another modem case. Will be putting my SW40+, a keyer and an L network tuner in it. Should be room to spare.

Sunday evening, I worked MD on 40m in spite of QRN crashes. Then Monday we had a tremendous storm blow through the SF Bay area, including a twister that touched down and did some serious damage.

Lots of QRN Monday night, but still managed to work TX, still on 40m. Then watched TV and read. A lot easier on the ears. I think I'm going

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

Date: Tue, 5 May 1998 10:44:13 -0700 (PDT)
From: Erv Bates <w8erv@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [10197] Web Site Input Needed
Message-ID: <19980505174413.20783.rocketmail@send1b.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all: Well, Dayton is just around the corner and we've been ready for this for several months. There are two things that I am interested in knowing, so let me get them out here....

#1 I am working on my general and hope to bring back a QRP rig from Dayton, so I tried to get a QRP-1 number, with no luck. I have seen some commentary here about this and tried all suggestions-no luck, still. Any ideas?

#2 I've recently launched the new version of my Site, including the new callsign (the best call money can buy). Please stop in and give it a look. I've added new QRP related goodies and if I need something more, you can tell me. The link is below.

See you all at Dayton and stop over to booths 1981/1982 and give our NEW HamCall Clock a look!

72/73,

Erv-W8ERV

==

Please visit our Site at <http://www.qsl.net/kb8tnq>

"Dare to Dream-It Sets Your Spirit Free!"

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 5 May 98 07:50:49 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [10198] 40 unaffected?
Message-ID: <9805051750.AA02969@krypton.nmr.Hawaii.Edu>

Well at 0200 Z Sunday we held our usual Hawaii Afternoon Net on 7.088 Mhz LSB. The magnetic storming was so bad that very few stations could be heard. One kilowatt on the big island with a good antenna could be heard a bit over 200 miles away. One person running 100 watts just 90 miles away was barely detectable with good signal processing but could not be copied. Some stations running 100 watts and about 20 miles away were reasonable copy down in the extreme noise.

Often there are checkins to this net using QRP power in addition to those who must fire up the kilowatts each time since distances can exceed 230 miles on this net. Signals are usually 20 to 60 over S9, with even QRP stations getting reports statewide of S3 to S5, sometimes with good antennas 10 over S9 at distances of over 200 miles. Typically this is a net to exercise your attenuators.

Saturday afternoon local time, 40 meters was nearly blacked out. I have heard the net go bad before, but this was buried in noise and apparently NVI was non-functional on 40 meters and groundwave was barely blasting through the noise and absorption.

Date: Tue, 05 May 1998 11:13:09 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [10199] A little help from those across the pond please.
Message-ID: <354F56B4.7412@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am trying to build an interface that was described in a New Zealand publication and uses the english notation for the resistors and caps. I am not real sure and would like to verify your way of notating parts.

Resistors:

3k3 = 3.3K?

1k = 1.0K?

100R= 100ohm?

Caps:

1n0 = .001 uf?

Am I close?

Thanks for the help.

--

73 de Jeff AC6KW

grudin@vdbbs.com

Private Practice : Companion Animals and Exotics

Ocean Animal Clinic / Cat Clinic of Santa Cruz

Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351

AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Tue, 5 May 1998 14:18:48 -0400 (EDT)

From: "Leonard J. Barish" <barish@kutztown.edu>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [10200] Unbuilt 38 Special?

Message-ID: <Pine.SOL.3.91.980505140908.11516A-100000@atlantic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A group of us in Eastern Pennsylvania who are now known as EPA-QRP have decided to finally build those 38 Specials that have been sitting unopened on our benches. Many of you have seen some requests for these before and we thank you for your help. We need one more unbuilt 38 Special, so if you have one that you are willing to part with, please let me know.

Len

```
*****
Len Barish  N2BSC                      ITVA
Department of Telecommunications        ARRL
Kutztown University                    DLARC
Kutztown, PA 19530                     NORCAL
Phone (610) 683-4490                   Norcal 40A
FAX   (610) 683-4659                   NW 8020
*****
```

If the whole world is a stage, I want better lighting.

```
*****
```

Date: Tue, 05 May 1998 11:25:14 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [10201] Help with specs (not essentially QRP)
Message-ID: <354F598A.5935@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could someone explain why a quad conversion Het is better than dual
conversion is better than single conversion?

Is there really a big difference?

I am looking at some new rigs for my main station rig. I have narrowed
the choice down to two (I don't want to start a war so will leave the
choices out.) The one I like the best and has the best features for my
needs is a dual conversion. The other that I like, is missing one
feature that I feel would be useful to me but I could get by without, is
a triple conversion.

Am I better off choosing the triple conversion because it will be a
better receiver? Or will the difference be unnoticeable?

Thanks.

--

73 de Jeff AC6KW
grudin@vdbs.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz

Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Tue, 5 May 1998 11:34:38 +0100
From: talljazz@teleport.com (Dan Presley)
To: qrp-l@lehigh.edu
Subject: [10202] FS 38s/enclosure/keyer
Message-ID: <v0153050bb17488a8e618@[204.202.160.58]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, here's another one! I simply ran out of time and energy to get this going (am doing the elmer 101) and want to see someone else get this built and on the air.

Unbuilt 38s with San Luis Machine enclosure and Tick 1 keyer. Whole 'wad' including shipping for \$70, which is what I have into it. Don't want to split it up. E-mail me at above address.
Dan N7CQR

Date: Tue, 5 May 1998 14:30:20 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Chris Trask <ctrask@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10203] Re: doughnuts....
Message-ID: <Pine.GS0.3.96.980505142906.28021A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Krispy Creme is a local to VA and NC area. (I think)

Maybe donut holes are the Qrp of Donuts hahaha.

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Tue, 5 May 1998 11:46:21 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: km3d@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10204] RE: doughnuts...
Message-ID: <Pine.BSI.3.96.980505114451.24716A-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 May 1998 km3d@juno.com wrote:

> Hey, what are 'sopapillas?

>

It's a Mexican desert, a deep-fried pastry that is hollow. You
roll it in powdered sugar and put honey inside.

```

      ,-----,
      /  What's all this  \
      / extinct stuff, anyhow? \
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```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 5 May 1998 13:24:37 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Cc: "Rich & Edie" <clseng@gte.net>
Subject: [10205] QRPTTF Pics up on website
Message-ID: <006d01bd785c\$30821e00\$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm sorta slow with getting these QRPTTF pics up on my website...but finally got the pictures back from processing. I should invest in a digital camera to get faster results(add that to the wish list).

Here's the URL for faster navigation:
<http://www.webaccess.net/~S&P/qrpttf98.htm>

72...Steve

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
email: n0tu@webaccess.net

Date: Tue, 05 May 1998 14:51:49 -0500
From: Ernest Stracener <ernest@itis.com>
To: qrp-1@Lehigh.EDU
Subject: [10206] looking for an unbuilt 38 Special QRP kit
Message-ID: <3.0.2.32.19980505145149.006965e4@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm looking for an unbuilt complete 38 Special QRP radio kit. Please email me if you have one you would be willing to part with.....my email address is ernest@itis.com

Thanks & 73-
Ernest Stracener, KG9NI

Date: Tue, 5 May 1998 11:53:30 -0700
From: Kent Torell <torell@sicom.com>
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [10207] Re: Sprint and Murphy.
Message-ID: <v04003a00b1750e646838@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Got home to find dinner cooking. A full 45 minutes before the sprint!

I got to play in the sprint for a few minutes. Didn't expect to hear anything, what with the bad storming and stuff, but a window of opportunity opened up in the evening schedule, so I put up the vertical and turned on the rig to warm up. Heard Ed and Rich in there; when I came back around 0230 for a few minutes of operating you were gone ... now I know why! :-)
This was my first real experience operating with a storm in progress.... sounded like lots of variable lightning around. Had to turn the volume control down for the first time ever! Heard a weak station calling cq sp, so answered, then I was called by two other guys! PA, MN and CA to arizona within 5 minutes... go figure! 40 meters ... always interesting! Too bad I couldn't work the sprint the whole time.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion, qrp-1 57, ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Tue, 05 May 1998 16:05:11 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: rbayha@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10208] Re: Logikey K3 keyer
Message-ID: <354F70F7.80145DC@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, from a Logikey devotee....use the default logikey with dot and dash memory. If your speed is around 20 to 25 wpm set the weight at

about 55 to 57 %. I have the kit form and it is a SUPER keyer.
Ed N4PK
Qrp-l #1307

Date: Tue, 5 May 1998 16:12:41 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [10209] RE: 40 affected
Message-ID: <01bd7859\$c7197a00\$LocalHost@luis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What happened to the Hawain net... DITTO to our mid-day traffic net on 40 meters !

Not even my CLOUD WARMER SPECIAL brought any stations...

We have a National Traffic Net SSB at 12 noon, 1600 UTC everyday on 7110 kHz, and the geomagnetic storm just WIPED OUT THE NET.

Even today tuesday, I could only here a groundwave station about 12 miles away, and NO SIGNS OF THE NVI signal reaching my receiver.

It was just the ground wave !

I think that the problem is related to a dramatic increase in ionospheric absorption...

NA5N is right that 40 is relatively unaffected for long range F layer contacts

during the night...

But believe me... it goes down the drain via E layer, or F1 propagation which

are the two modes that are prevail for the kind of QSO we have at noon during our nice traffic net, that covers the whole cuban archipelago.

QRP rig operators often check with the net, and when conditions are normal, they are alwasys heard...

Today, not even running 10 Kw would have done it...

If anyone interested in my CLOUD WARMER SPECIAL, designed with short range communications on 7 mHz in mind, I'll be happy to make the information available, as this antenna has proven to be champ with my QRP for talking locally (from about 30 miles all out to about 700 miles)

72 and get ready for better propagation on HF after the storm is over
Arnie

C02KK

e-mail : inforhc@mail.infocom.etecsa.cu

phone res: 53-7-301794

Postal address
Arnie Coro
Dxers Unlimited
Radio Havana Cuba
Po Box 6240
Havana
CUBA 10600

Date: Tue, 05 May 1998 16:13:25 -0400 (EDT)
From: n4js@pobox.com
To: n0tu@webaccess.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10210] RE: QRPTTF Pics up on website
Message-ID: <XFMail.980505161325.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 05-May-98 "Steve Galchutt" typed:

>I'm sorta slow with getting these QRPTTF pics up on my website...but finally
>got the pictures back from processing. I should invest in a digital camera
>to get faster results(add that to the wish list).

I DO have a digital camera. You reminded me I forgot to post them. They are
there now. see <http://www.qsl.net/n4js/qrpttf98.html>

Sent at 16:13:25 on 05-May-98

John L. Sielke	n4js@pobox.com
n4js@qsl.net	NJ Grid:FM29LN
http://www.qsl.net/n4js	NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp	ARQrp
NE-QRP #507 G-QRP #9544	NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 5 May 1998 16:05:20 -0400
From: w4bws@juno.com (Donald E Sanders)
To: bauer@student.uni-kassel.de
Cc: qrp-l@Lehigh.EDU
Subject: [10211] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!

Message-ID: <19980505.161830.3542.1.w4bws@juno.com>

Most likely the comment below was a self portrait by Ranger !!!
Don W4BWS

On Mon, 04 May 1998 20:33:59 -0700 Stefan Bauer
<bauer@student.uni-kassel.de> writes: so qrpers, who on earth is the
person behind this e-mail adress:

RangerSF5@aol.com

this unknown object replied to my cuban topic mail with just this 2
words:

BRAIN DEAD

now i ask myself, is this person looking for some physical input for its
vacuum, or did he just die after he wrote these 2 intelligent words.
poor guy, must have no callsign, otherwise he would play fair. do we
have some intruders on the list?

...hey vacuumhead, did you ever hear the word RESISTANCE or SPEAK UP
AGAINST THE LAWS!

-- steve

ps: I will still mail ham stuff to cuba as soon as it arrives here.

=====

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 May 1998 16:10:35 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10212] RE: 40 affected
Message-ID: <Pine.GS0.3.96.980505161015.580A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sure cuts down on the QRM....

kidding of course.

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Tue, 5 May 1998 16:15:57 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Tony Fishpool <g4wif@btinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10213] Octupus (Curve Tracer)
Message-ID: <Pine.GS0.3.96.980505161115.580B-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I took pics of the pages from the Navy manual and edited them today. I forwarded them to Mike who is going to post them. Please excuse the "not real professional" look. But the diagrams are complete along with the "what you will see" diagrams. Any questions please ask me. If Mike is real busy and it does not get posted (I dont know the address - he does and will let everyone know) I will forward it to everyone who requested it. It will take a while because I have to send approx 6 files to each person one at a time. With 60 or so requests. If I can forward them to the entire group I will be glad to but not without permission as this is not a binaries group. Thanks.

72/73

Richard W4MCD

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Tue, 05 May 1998 14:14:31 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [10214] RE: a little help from across the pond
Message-ID: <354F8137.CD5@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks for the information and quick answer to my question. I guess I understand the notation system.

--

73 de Jeff AC6KW
grudin@vdb.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Tue, 05 May 1998 14:27:58 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [10215] Trade: New Callbook
Message-ID: <354F845E.7C9BB6C2@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I won a brand new (still shrink wrapped) 1995 callbook at a recent hamfest. I'm told these are collectors items but I'm not a collector. Would anybody be willing to trade me something for this?

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 4 May 1998 18:33:48 -0400

From: w2bj@juno.com (Barry J Minsky)
To: qrp-l@lehigh.edu, forsale-swap@qth.net
Subject: [10216] RS 21-527 METER MANUAL
Message-ID: <19980504.183612.6502.1.w2bj@juno.com>

Does anyone know where to get a manual for the RS 21-527 digital meter?
Is there a Radio Shack web page where I might get it? Does anyone have
one he would be willing to copy? I will be glad to pay expenses.

Thanks.

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 May 1998 17:45:14 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: w4bws@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [10217] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!
Message-ID: <a3680811.354f886b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-05 16:22:48 EDT, you write:

<< Subj: Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!

Date: 98-05-05 16:22:48 EDT

From: w4bws@juno.com (Donald E Sanders)

Sender: owner-qrp-l@Lehigh.EDU

Reply-to: w4bws@juno.com

To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

I think Paul and a few others had made it very clear.

If you still want to ship items to Cuba, your breaking the law and making
other hams look bad, So go do your thing

GUESS THE TRUTH HURTS HUH?????

Bob

WA2HOQ

Date: Tue, 5 May 1998 14:46:15 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Jeff Grudin <grudin@pacific.vdbs.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10218] RE: a little help from across the pond
Message-ID: <Pine.LNX.3.96.980505144539.7047A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 May 1998, Jeff Grudin wrote:

> Thanks for the information and quick answer to my question. I guess I
> understand the notation system.

Can you please post the responses you got regarding the capacitor notation? I am confident I understand the resistor notation, though...

Thanks.

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Samuel A. Falvo II
QRP-L #1447   |                               http://www.dolphin.openprojects.net
=====
```

Date: Tue, 5 May 1998 17:58:09 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10219] DMP Printer & HP 7550A Plotters to trade for ...?
Message-ID: <4c97b2b2.354f8b72@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Gang...

I have an Okidata 393 24-pin DMP printer almost new and in like new condition. I also have three (3) HP-7550A 8-(color) pin plotters. Used very little. If you are not familiar with these plotters they have an 8-pin carousel and output is in up to eight "true" colors. If for no other

reason they are neat=0Ato have just to see it operate. The paper mechan=
ism moves the paper up and=0Adown while the pen mechanism moves side to =
side - all at the same time. The=0Aoutput text is true letter quality a=
nd the graphics are excellent. They can=0Abe print on clear sheets for o=
verhead projectors as well as various types of=0Apaper fro glossy to plai=
n. I have some supplies like pens and some paper.=0AThe first unti to go=
will go with these supplies. Note: Supplies for these=0Aplotters are s=
till readily available.

I'd like to trade these items for QRP rigs, built and/or un-built; Keys,=
=0Apaddles, bug, test equipment, etc. I'm still a relatively new ham and =
would=0Alike build to up my equipment inventory as well as get started in=
QRP.

Please write if you have any questions? So, whatcha got?

73's es 72's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
ARCI #9637 10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://members.aol.com/dennismo=0A>

Date: Mon, 4 May 1998 18:54:37 -0400
From: w2bj@juno.com (Barry J Minsky)
To: qrp-l@Lehigh.EDU, qrp@qth.net, qrpp@qth.net, cw@qth.net
Subject: [10220] THE BANDS
Message-ID: <19980504.185437.17646.0.w2bj@juno.com>

Wow! The bands are really dead. This solar flair is deadening. I am in
GA. I an hearing almost nothing but QRN on 30 and 40. How is it
elsewhere?

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers

Club #3723
Amateur Radio Missionary Service

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Date: Tue, 5 May 1998 14:57:00 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [10221] Cuba, et. al.
Message-ID: <Pine.LNX.3.96.980505144648.7047B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please terminate this thread, or make it private e-mail. I tend to remain silent on a mailing list when things of this nature crop up, but I've never seen any conversation, of such an irrelevant nature, crop up on an otherwise successfully self-moderated mailing list, for this length of time. I fear that if this thread, and all subthreads spawned from it which are not QRP/homebrew/ham radio related, do not cease shortly, I will have to resign from this mailing list.

I will keep a few collected e-mail addresses in my address book, so that when I have technical questions which I'd otherwise post onto the list, I'd "bulk" mail them to the relevant personnel. Tracy and Bruce Muscolino(sp?) and Ed Tanton have been invaluable in my work with my radio. I applaud them for their patience and understanding. But all this Cuba vs. the world stuff, and all the RangerSF5 bashing, and all other related or unrelated MUD-SLINGING is seriously getting to me.

With all due respect, if this continues, I will form my OWN mailing list, and it will be moderated, by me. If anyone has ever been on a mailing list that I own (currently only the Dolphin Developers Group mailing list), you know how tightly I moderate my mailing lists... :-)

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Tue, 5 May 1998 18:07:51 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [10222] Re: Familiar with tubes?
Message-ID: <01bd7872\$3f30a780\$675445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to thank everyone that sent me a message
about the tube. I am going to make it into a lamp.
I basically wanted to find out if I can light the inside up.

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
<http://www.kpsnet.com/wb3aal/wb3aalweb.htm>
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Tue, 5 May 1998 18:10:46 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10223] QRP CLASSICS?
Message-ID: <aa6dadbb4.354f8e68@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Does someone have a copy of QRP CLASSICS they would like to part with? Email
direct...Alan KB7MBI

Date: Tue, 5 May 1998 15:13:38 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "Graham Firth" <Graham.Firth@btinternet.com>

Cc: <qrp-1@Lehigh.EDU>
Subject: [10224] Re: Dayton
Message-ID: <01bd7873\$0e187d20\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have just received word from Graham Firth that he and Tony Fishpool will be departing England on Sunday and plan on invading Dayton again this year. Graham is the jolly fellow who had a birthday and collected his extra class ticket last year. Don't believe it if he tries to tell you that it is his 50th again, he did that one last May. Tony needs to be watched also as he is famous for asking for the "foreign friends" discount. I tried that in England last year at all the hamfests that I went to, and every time, they would say, ahh the old "Fishpool" dodge again! They would roll their eyes and explain that Tony has used that for years, but it doesn't work any more. So be on guard.

Seriously, one of the wonderful things that happens at Dayton is the opportunity to meet and get to know the guys from overseas. We have several guests coming this year, and make it a point to say hello to them at the Hospitality Suite. Graham, Tony, Dick and George are all veteran QRPers and wonderful fellows. Peter Zenker is already famous for his reviews (grin) and is also the founder of a German QRP Club that has attracted over 700 members in its first year. That is a faster growth than NorCal had. I have never met Peter in person, but have exchanged several emails with him, and he is a most friendly person. Peter will be making his first trip to the QRP Hospitality Suite, so we all want to meet him. Hey, one thing for sure, he will probably be the only one there that has operated a SGC2020. (I overheard someone say at the NorCal meeting that 2020 was the year that the rig would finally ship, not the name, but I have not confirmed it with SGC.)

Annnnnnnnnnnnnnnnnnnnnnnnnnnnd Now. What is the Dayton weather report? Dan Pucket, give us a daily report from now until Weds. ok? And maybe starting Monday you can give an extended forecast? Seriously, I would like this as I want to know what to pack.

72, Doug, KI6DS

Date: Tue, 5 May 1998 15:21:53 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU

Subject: [10225] FYBO Results Tonight!
Message-ID: <199805052221.PAA00929@usr06.primenet.com>

Howdy Folks,

So... Seems a little reminder that QRP is actually about FUN (and donuts!) is in order, right? Well assuming I *ever* get to leave the data mines of my Corporate Masters(tm) tonight, I will be publishing the results of the AZ ScQRPion's FYBO '98 Winter QRP Field Day! Yes, just as the heat of the impending summer looms in the distance, we'll take a fond walk down memory lane. Brave tales and boldface lies of improbable adventures, rabid ice weasels, and frozen b____s. :-)

So Stand by! I really wanted to have this out two months ago, but the Treadmill O' Real Life(tm) has been overwhelming.

But I suppose in hindsight, it's a stroke of luck - it'll give folks something FUN to talk about. :) Now get out there and see if you can work some juicy DX as the ol' ionosphere settles back down. I'll be working on my escape plan for tonight....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions
(Repeat to yourselves as necessary... ;-)

Date: Tue, 05 May 1998 16:22:26 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, KC5TJA <kc5tja@topaz.axisinternet.com>
Subject: [10226] RE: Cuba, et. al.
Message-ID: <5104C9F8B0B5D1118C250000F80625374F0ECD@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Sam,

I think the best thing to do with topics that are brought up on the QRP-L

which have no business here is just don't respond. Delete it and go on.
Ignore it. FLAMING RETORTS TEND TO FUEL THE FIRE!! Zero response will kill
it much quicker.

Nick KG5N

Date: Tue, 5 May 1998 15:20:07 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "Hulbert, Nick" <nick.hulbert@lmco.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10227] RE: Cuba, et. al.
Message-ID: <Pine.LNX.3.96.980505151851.12803A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 May 1998, Hulbert, Nick wrote:

> Sam,
>
> I think the best thing to do with topics that are brought up on the QRP-L
> which have no business here is just don't respond. Delete it and go on.
> Ignore it. FLAMING RETORTS TEND TO FUEL THE FIRE!! Zero response will kill
> it much quicker.

I've been doing this very thing for over a month already. Enough is
enough. That is my one and only comment on the subject -- to please
terminate the discussion, and if it doesn't, I'll form a mailing list of
my own...period. It's an ultimatum. Either way, I benefit.

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Tue, 05 May 1998 18:34:21 EDT
From: d.nordquest@juno.com
To: qrp-l@Lehigh.EDU
Subject: [10228] Re: Octopus (Curve Tracer)
Message-ID: <19980505.183646.4751.0.d.nordquest@juno.com>

The Octopus sounds suspiciously similar to something RCA called a

Quicktracer Transistor/Diode Checker. A friend (WA3ANA) thinks Eico also made one. There was also a write-up of a similar circuit in some ham mag years ago, but I don't have the reference.

73, Dave KE9ED

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End of QRP-L Digest 1082

